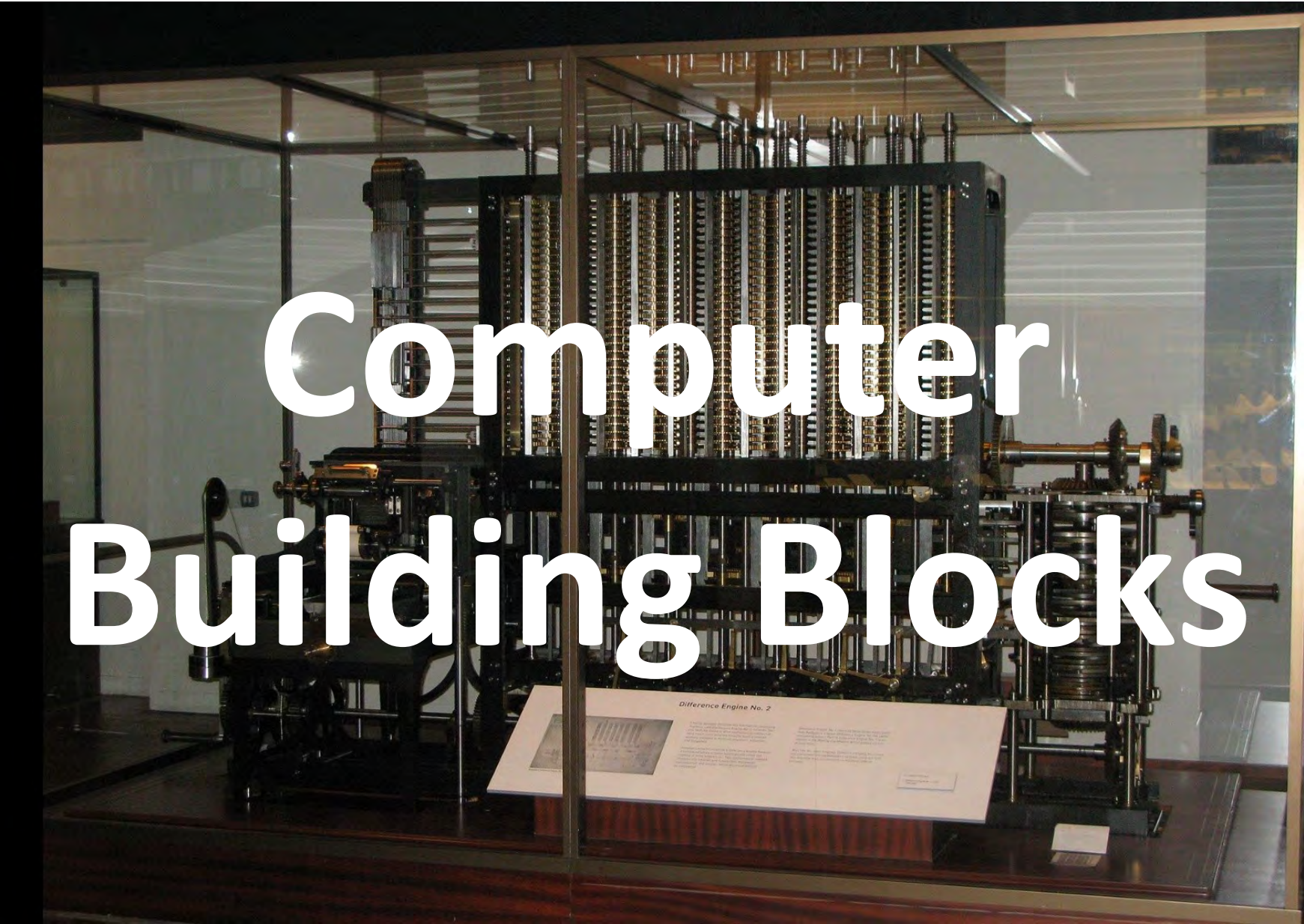


Browsers and Search Engines

Computer Building Blocks

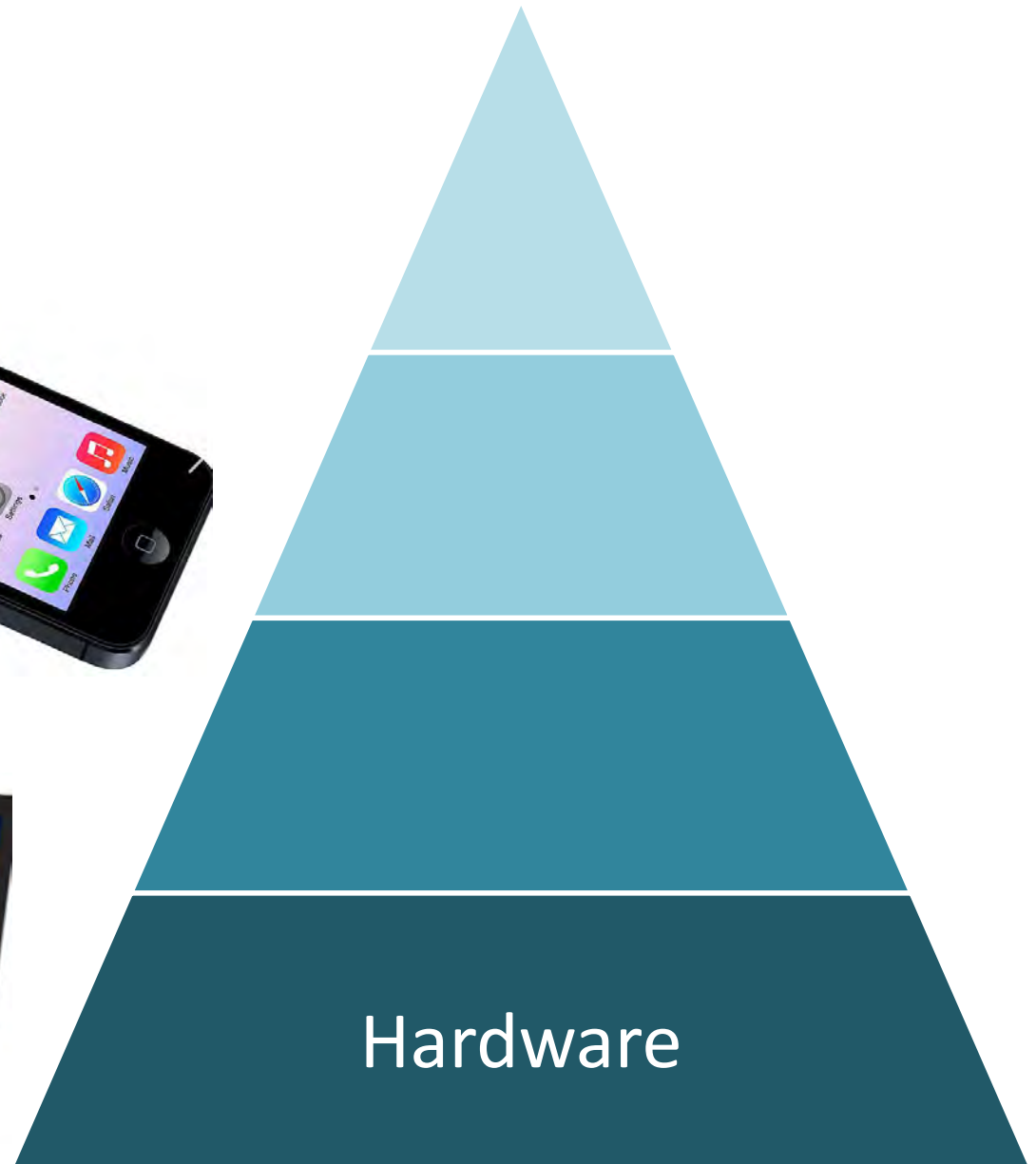


Difference Engine No. 2

Computer Hardware

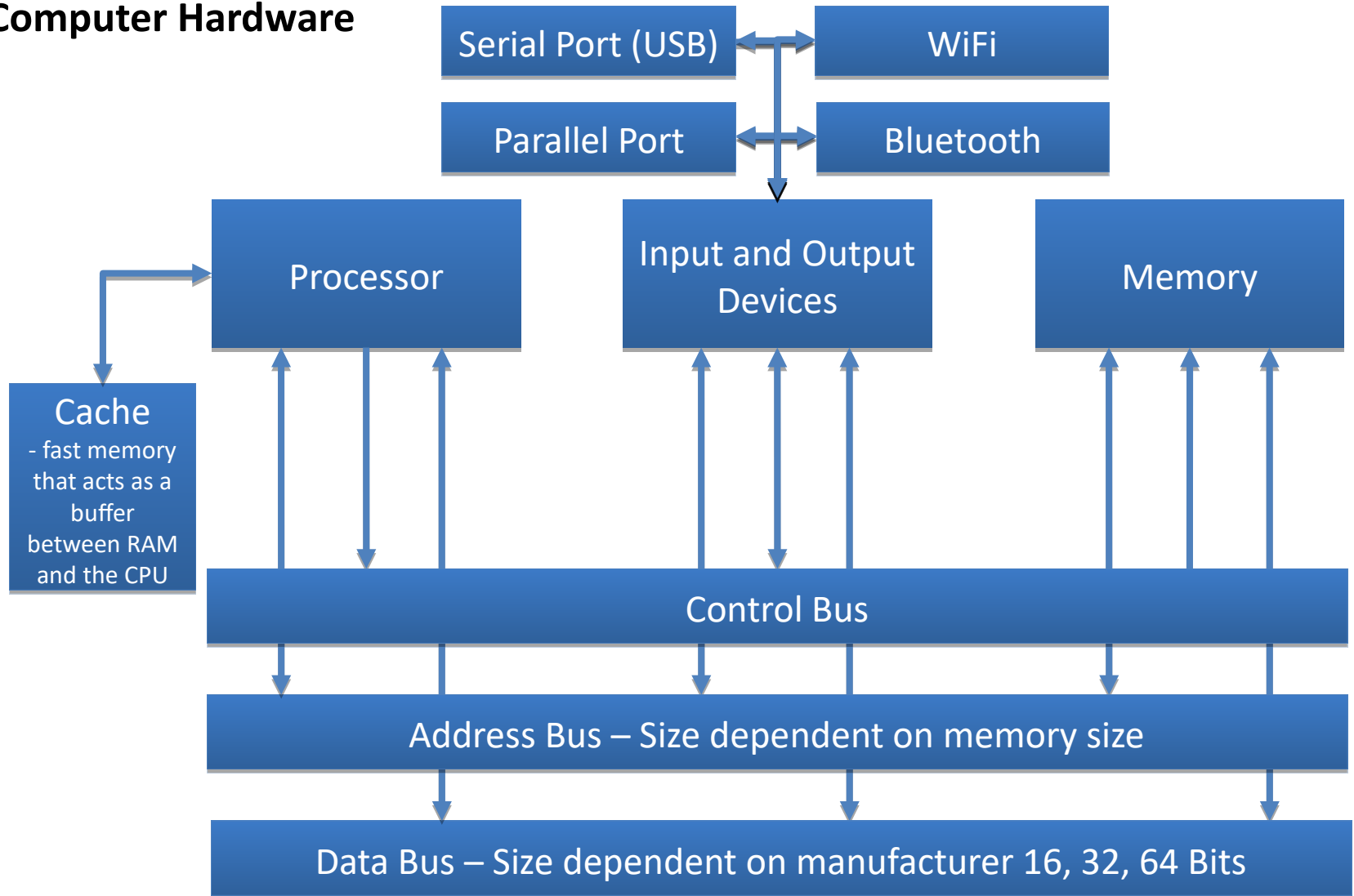


I Phones,
Tablets and
Laptops



Hardware

Computer Hardware



Binary Numbers

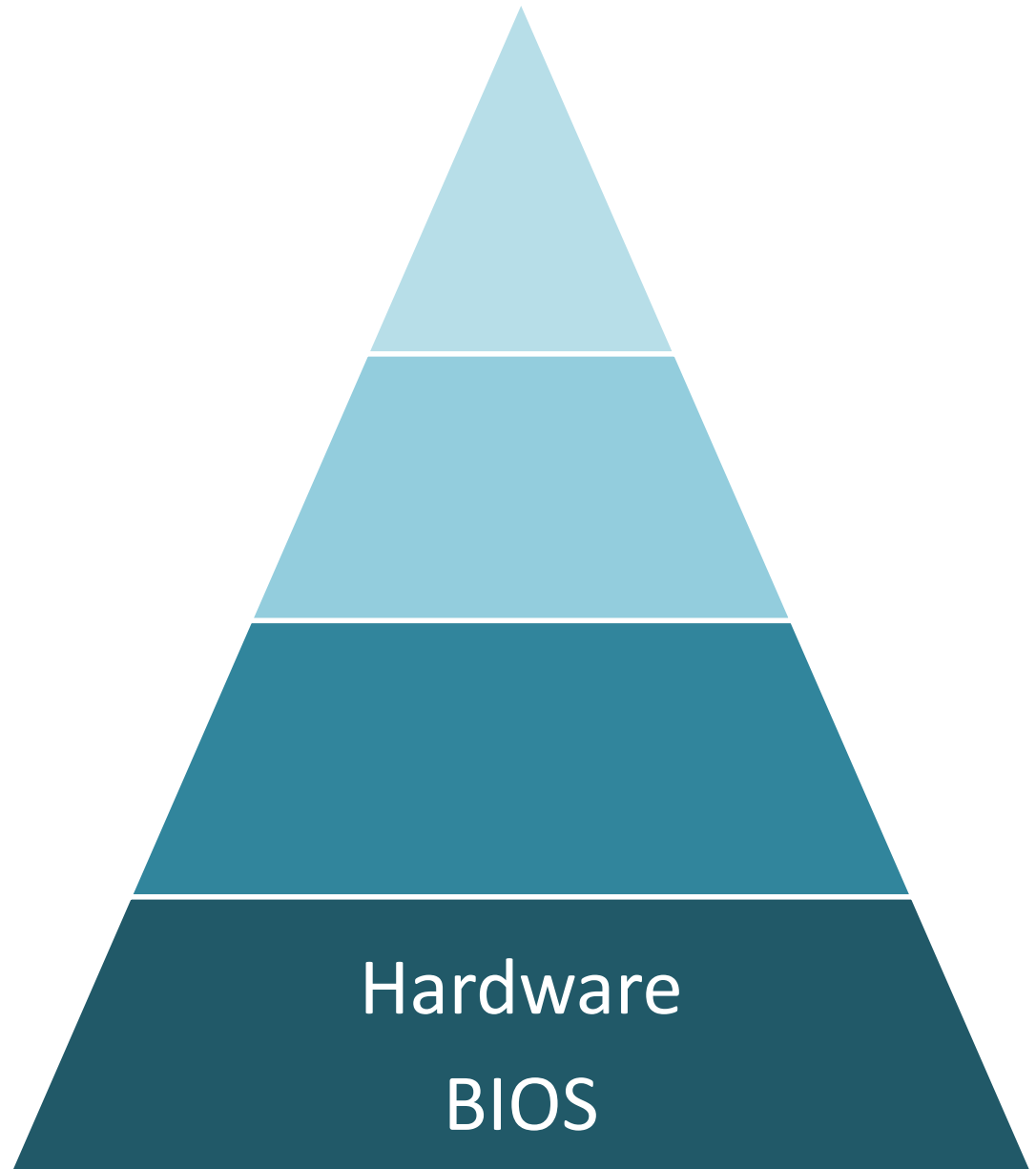
Decimal Number	Binary Number	Decimal Number	Binary Number	Decimal Number	Binary Number
0	0	10	1010	20	10100
1	1	11	1011	21	10101
2	10	12	1100	22	10110
3	11	13	1101	23	10111
4	100	14	1110	24	11000
5	101	15	1111	25	11001
6	110	16	10000	26	11010
7	111	17	10001	27	11011
8	1000	18	10010	28	11100
9	1001	19	10011	29	11101

Examples of Decimal Addition	Result	Examples of Binary Addition	Result
0+0	0	0+0	0
0+1	1	0+1	1
3+4	7	1+0	1
6+7	3 carry 1	1+1	0 carry 1

BIOS

BIOS, which stands for **(Basic Input Output System)** is the **first software that runs when you power on your system**, performing an initial pack of diagnostic tests. It will then start the hardware's boot sequence.

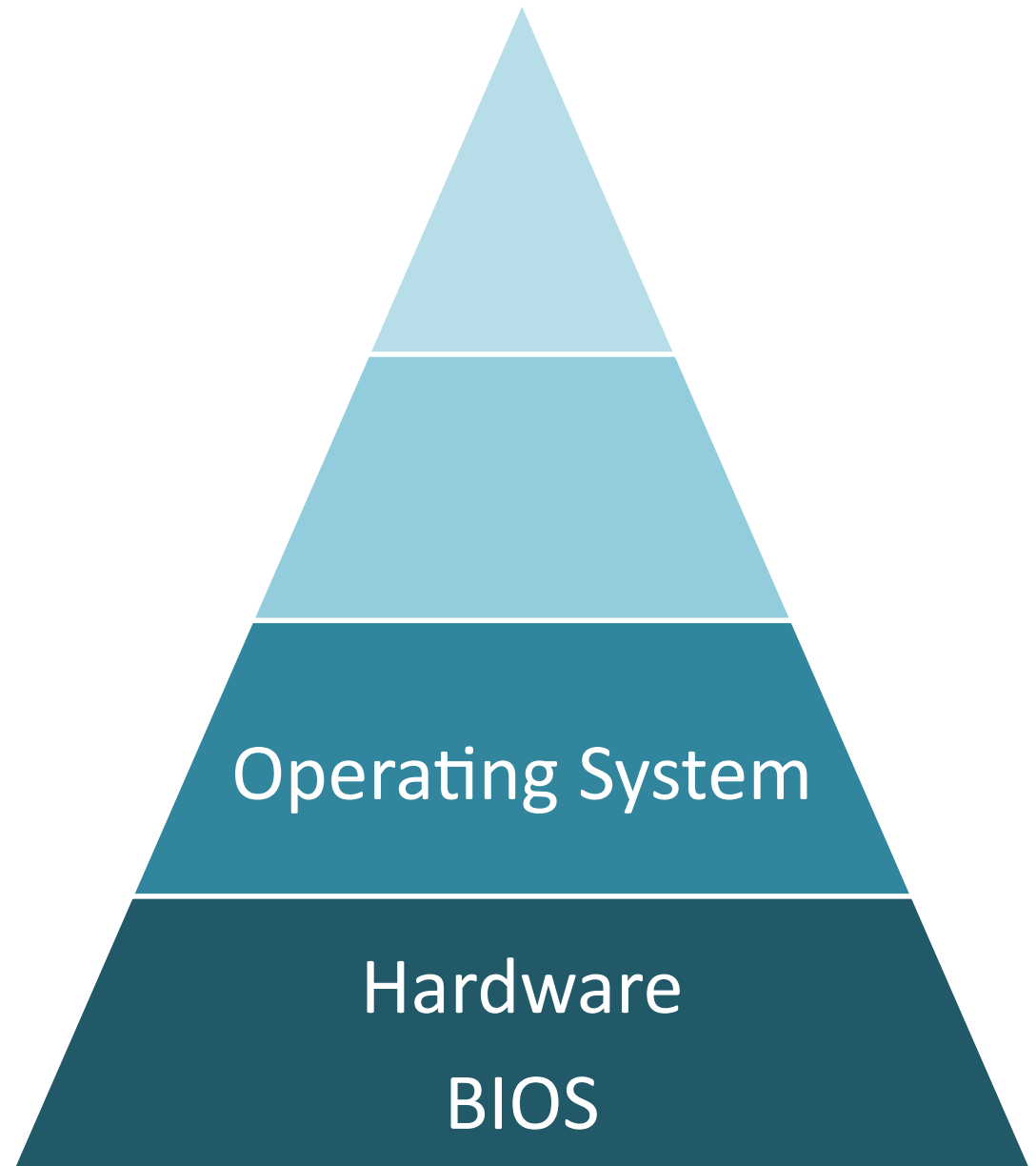
BIOS is **firmware** that is stored on a small **memory chip on the motherboard** and provides runtime services for operating systems and programs. It also performs hardware initialization and data flow management between the OS and the attached devices. BIOS is non-volatile, meaning that its settings are saved even after power is removed. **BIOS is the first software to run when a computer is turned on and does not require installation.**



Operating Systems

An operating system is the most important software that runs on a computer. It manages the computer's memory and processes, as well as all its software and hardware. It also allows you to communicate with the computer without knowing how to speak the computer's language. Without an operating system, a computer is useless.

An Operating System performs all the basic tasks like managing files, processes, and memory. Thus operating system acts as the manager of all the resources. Thus, the operating system becomes an interface between user and machine.



Operating System and Hardware

Your computer's operating system (OS) manages all of the software and hardware on the computer.

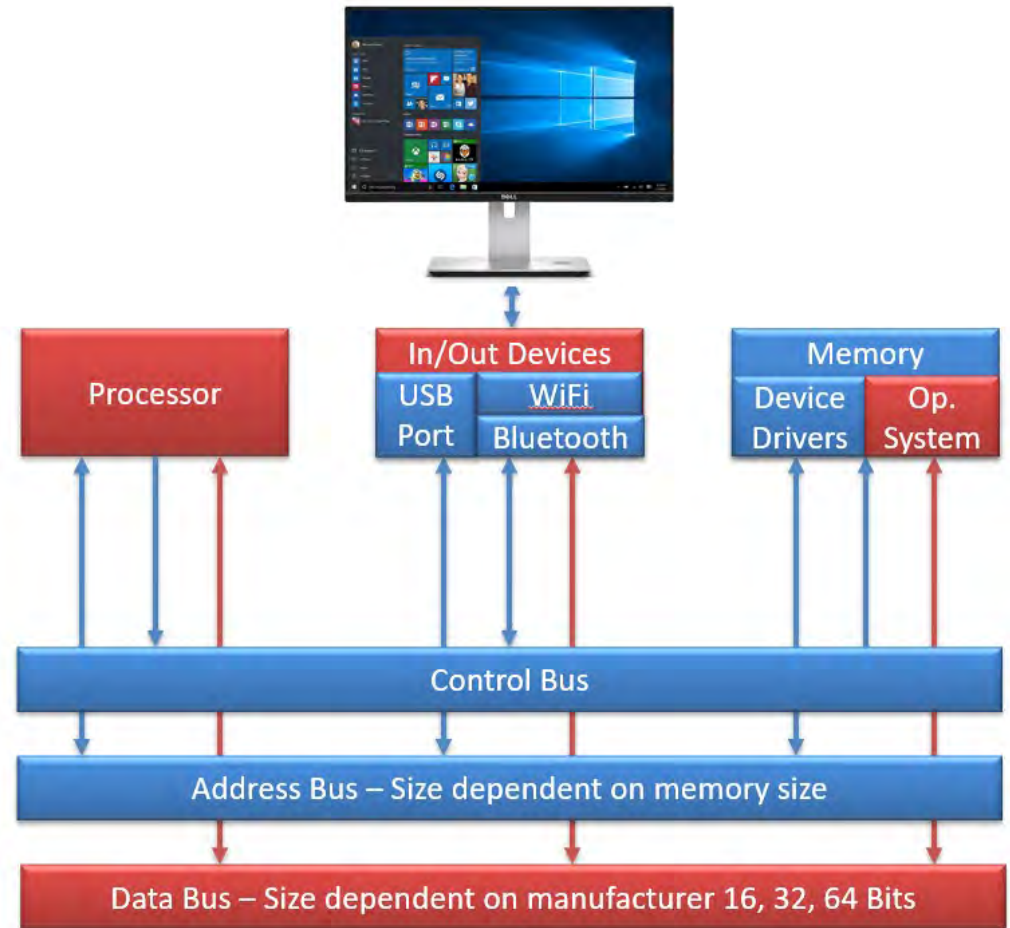
Most of the time, there are several different computer programs running at the same time, and they all need to access your computer's central processing unit (CPU), memory, and storage.

The operating system coordinates all of this to make sure each program gets what it needs.

Operating systems usually come pre-loaded on any computer you buy. Most people use the operating system that comes with their computer, but it's possible to upgrade or even change operating systems.

The three most common operating systems for personal computers are Microsoft Windows, macOS, and Linux.

Modern operating systems use a graphical user interface, or GUI (pronounced gooley). A GUI lets you use your mouse to click icons, buttons, and menus, and everything is clearly displayed on the screen using a combination of graphics and text. Each operating system's GUI has a different look and feel, so if you switch to a different operating system it may seem unfamiliar at first. However, modern operating systems are designed to be easy to use, and most of the basic principles are the same.



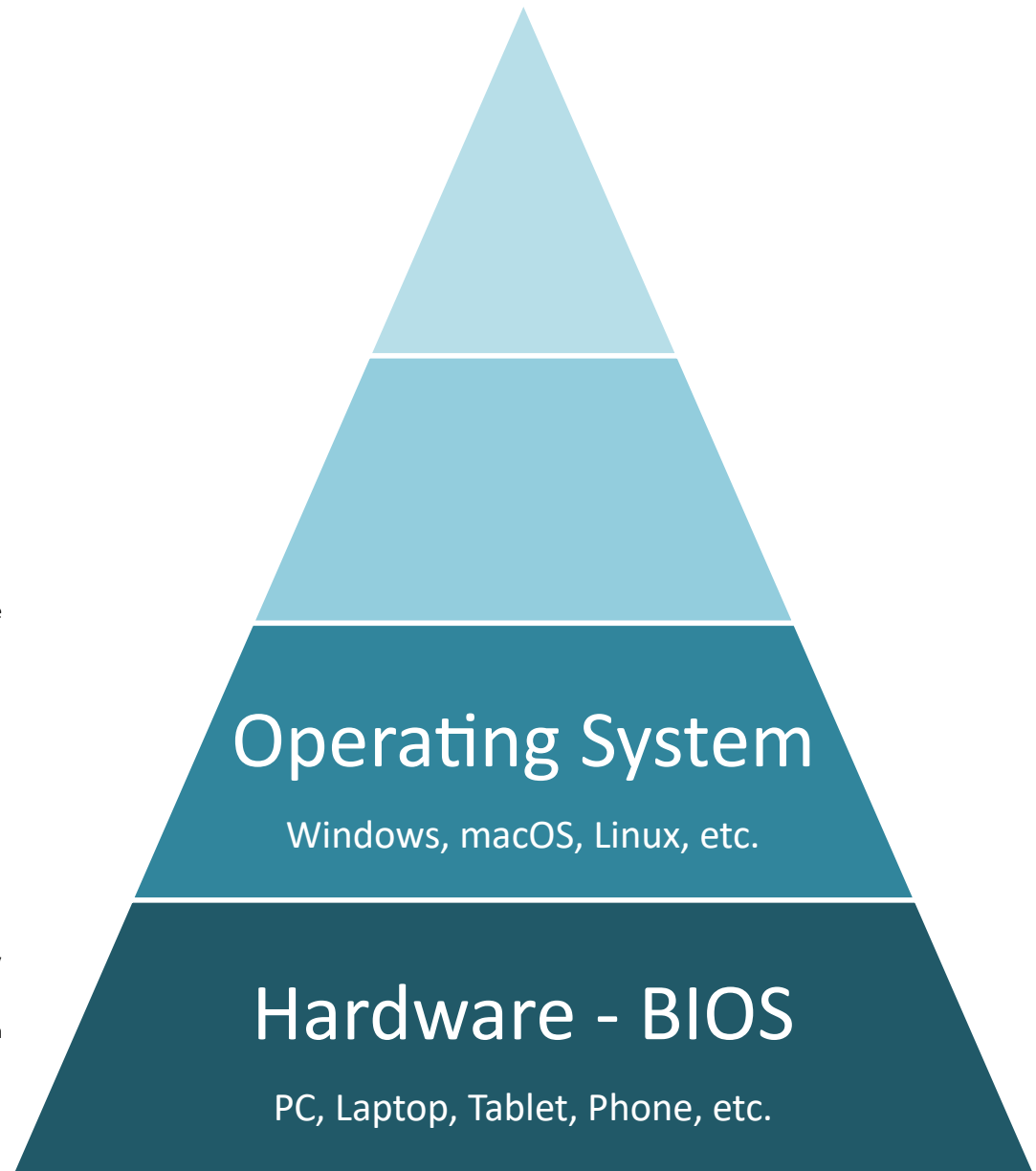
Common Operating Systems

Microsoft Windows: Microsoft created the Windows operating system in the mid-1980s. There have been many different versions of Windows, **but the most recent ones are Windows 10 (2015), Windows 8 (2012), Windows 7 (2009), and Windows Vista (2007).** Windows comes pre-loaded on most new PCs, which helps to make it the most popular operating system in the world.

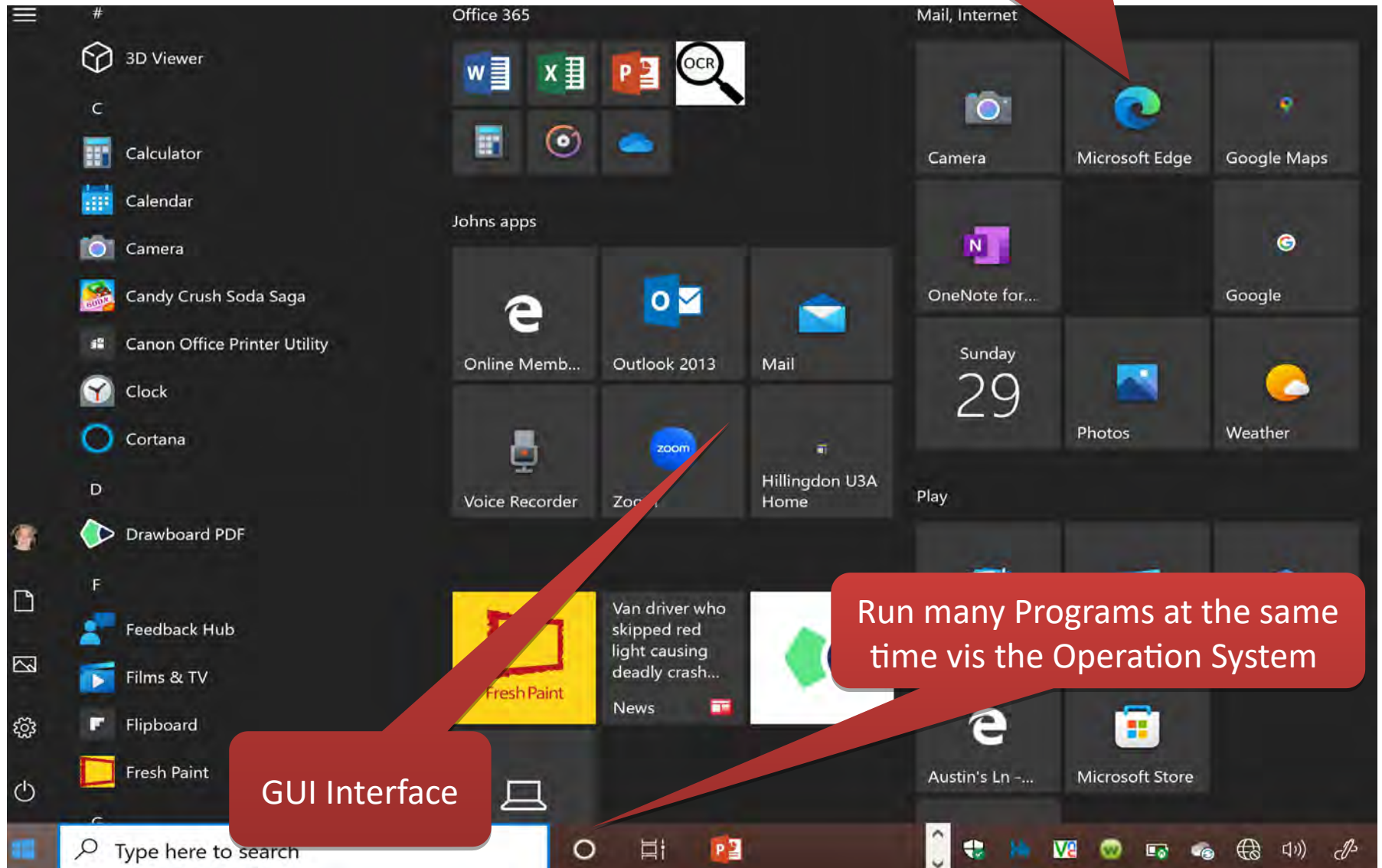
macOS: macOS (previously called OS X) is a line of operating systems created by Apple. **It comes preloaded on all Macintosh computers, or Macs. Some of the specific versions include Mojave (2018), High Sierra (2017), and Sierra (2016).** According to StatCounter Global Stats, **macOS users account for less than 10% of global operating systems—**much lower than the percentage of Windows users (more than 80%). One reason for this is that Apple computers tend to be more expensive. However, many people do prefer the look and feel of macOS over Windows.

Linux: Linux (pronounced LINN-ux) is a family of open-source operating systems, which means they can be modified and distributed by anyone around the world. This is different from proprietary software like Windows, which can only be modified by the company that owns it. **The advantages of Linux are that it is free, and there are many different distributions—or versions—you can choose from.** According to StatCounter Global Stats, **Linux users account for less than 2% of global operating systems.** However, most servers run Linux because it's relatively easy to customize.

Operating systems for mobile devices: The operating systems we've been talking about so far were designed to run on desktop and laptop computers. Mobile devices such as phones, tablet computers, and MP3 players are different from desktop and laptop computers, so they run operating systems that are designed specifically for mobile devices. **Examples of mobile operating systems include Apple iOS and Google Android.** Operating systems for mobile devices generally aren't as fully featured as those made for desktop and laptop computers, and they aren't able to run all of the same software.



Example of an Operating System (Windows 10)

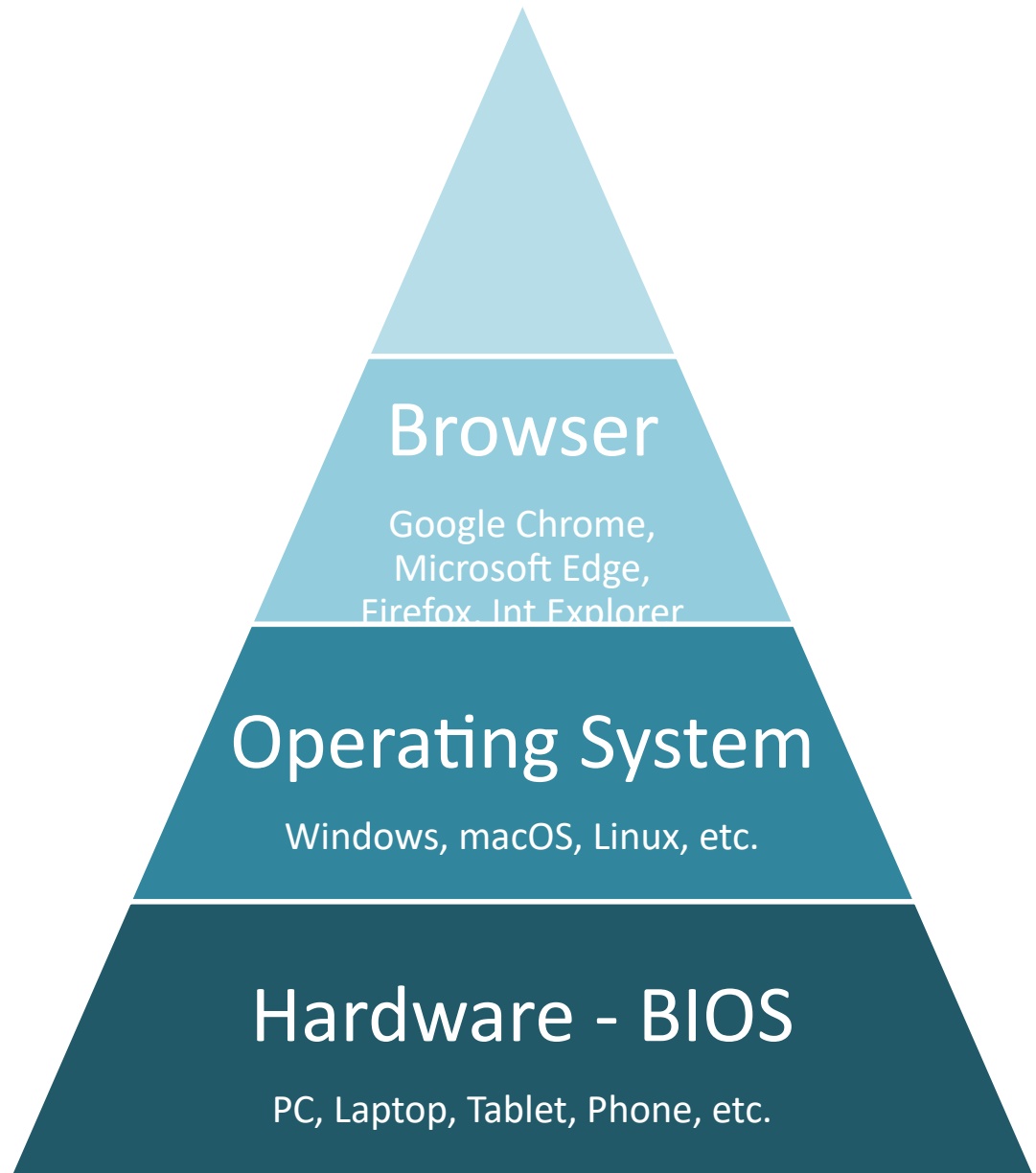


Browsers

The web browser is an example of application software that is developed to retrieve and view the information from web pages or HTML files present on the web servers.

The main characteristics of a Web Browser are:

- It consists of **Graphical User Interface**.
- It contains **the search box where the user can type the address or URL**.
- Page style can be static or dynamic. It depends upon the interactivity and the formatting.
- TCP/IP and HTTP protocols are used by web browsers.



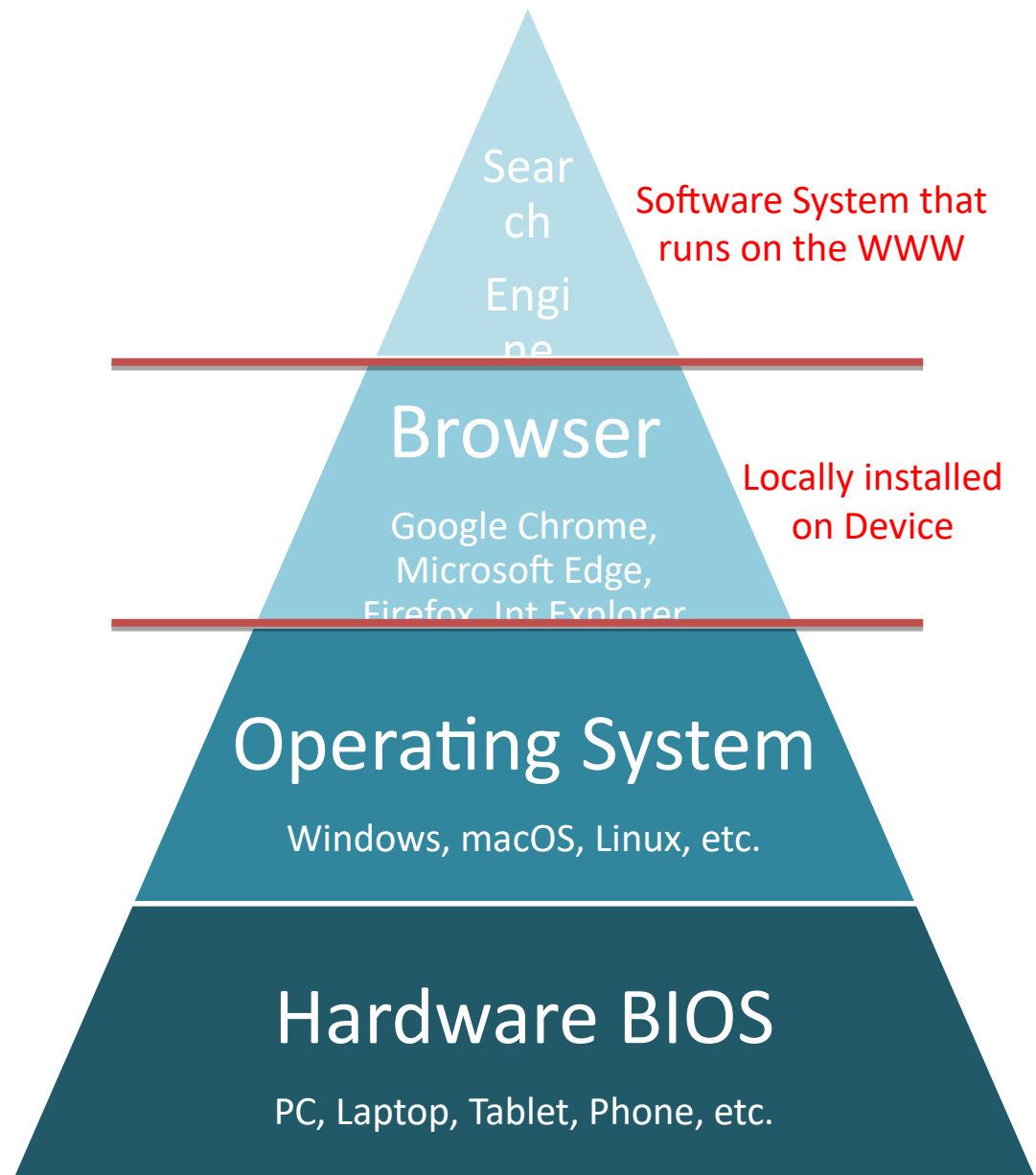
Search Engine

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Then the search engine looks through its index for relevant web pages and displays them in the form of a list.

There are three main components of the Search engine:

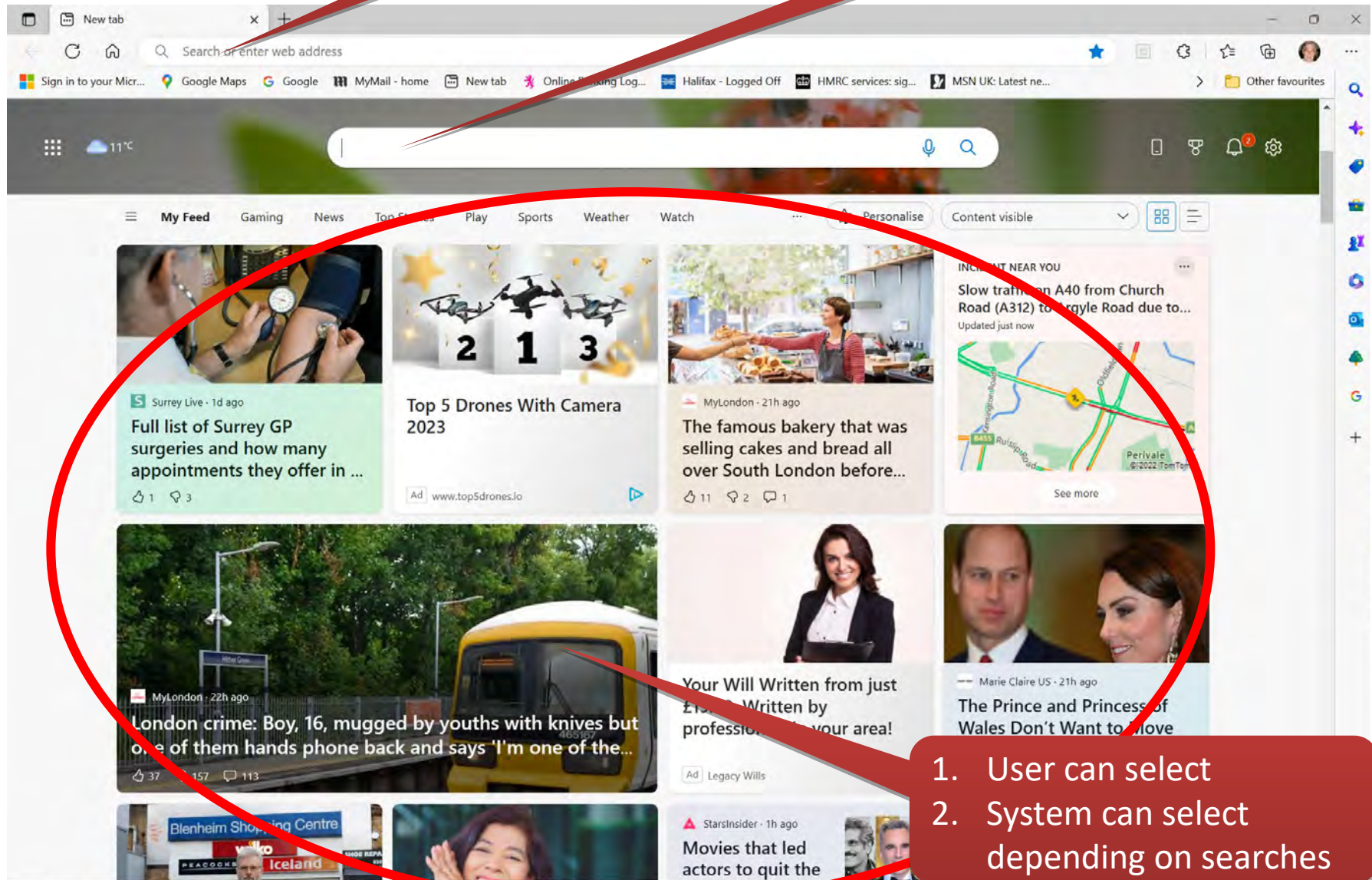
- **Crawler:** It regularly scans the websites automatically for URLs, keywords, and links to discover updates.
- **Index:** The Crawler develops an index of URLs, links, and keywords to make the search results more effective.
- **Search Algorithm:** It searches the index to finding the most suitable web pages by matching keywords that are used.



Example of a Browser (Microsoft Edge)

Enter Web Address

Enter Search Data



1. User can select
2. System can select depending on searches

Example of a Search Engine (Microsoft Bing)

System has used
Bing to Search

Enter Search Data

The screenshot shows a Microsoft Bing search page for the query "£500 laptop". The browser address bar shows the URL: <https://www.bing.com/search?q=£500+laptop&q&s=n&form=QBRE&sp=-1&ghc=1&pq=£500+laptop&sc=9-...>. The search bar contains the text "£500 laptop". Below the search bar, there are tabs for "ALL", "SHOPPING", "IMAGES", "VIDEOS", "MAPS", "CHAT", and "MORE". The "ALL" tab is selected. The results show "About 111,000,000 results" and a "Date" dropdown. A section titled "See £500 Laptop" displays a grid of laptop listings. Each listing includes a product image, a "Pick up today" badge, the product name, specifications, price, and the retailer. Below the grid, there are several promotional banners for Lenovo laptops, including "New Range of Laptops | Huge Online", "2 in 1 Laptops", "Best Lenovo Laptops", and "Special Offers". A large red star is overlaid on the bottom half of the page with the text "Search Engine Results".

Product	Price	Retailer
ACER Aspire 3 15.6" Laptop - Intel&Regcore...	£429.00	Currys
ACER Aspire 3 17.3" Laptop - Intel&Regcore...	£449.00	Currys
HP 15S-Fq2024na Laptop - Intel®...	£249.98	HP Store UK
ACER Aspire 5 15.6" Laptop - Intel®...	£249.98	HP Store UK
HP 14S-Fq0060na Laptop - AMD...	£239.99	HP Store UK
HP Probook 450 G9 15.6" FHD Laptop With i5	£838.80	HP Store UK
ASUS A516 15.6in i3 4GB 256GB Laptop	£279.99	Argos
ASUS V15 X515J4 15.6" Full HD Laptop...	£349.99	Amazon UK

Search Engine Results

BROWSER ENGINE

VERSUS

SEARCH ENGINE

BROWSER ENGINE

A software application for accessing information on WWW

Allows accessing and displaying websites

Locally installed on the user's device

Chrome, Firefox, Internet Explorer and Safari are examples

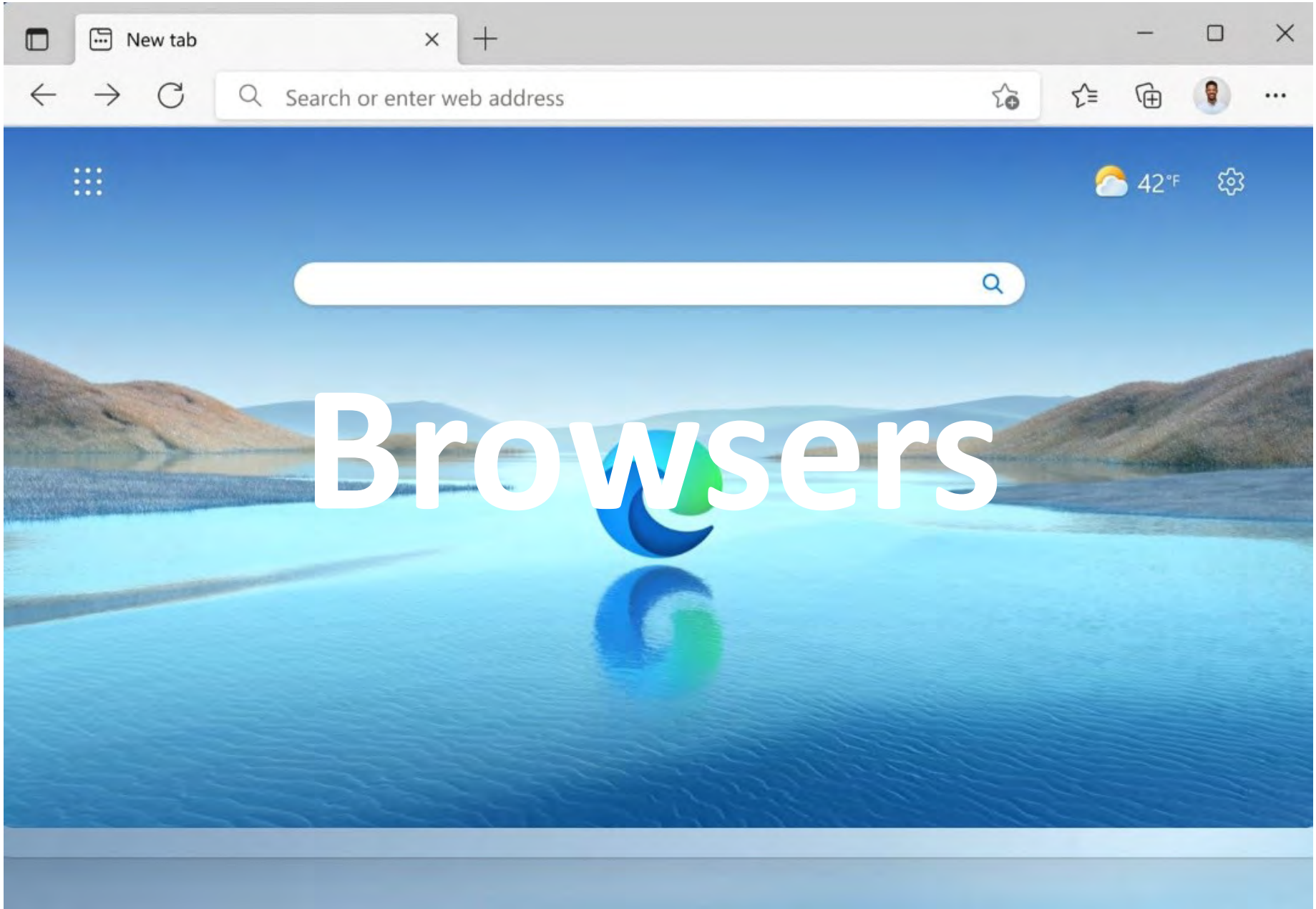
SEARCH ENGINE

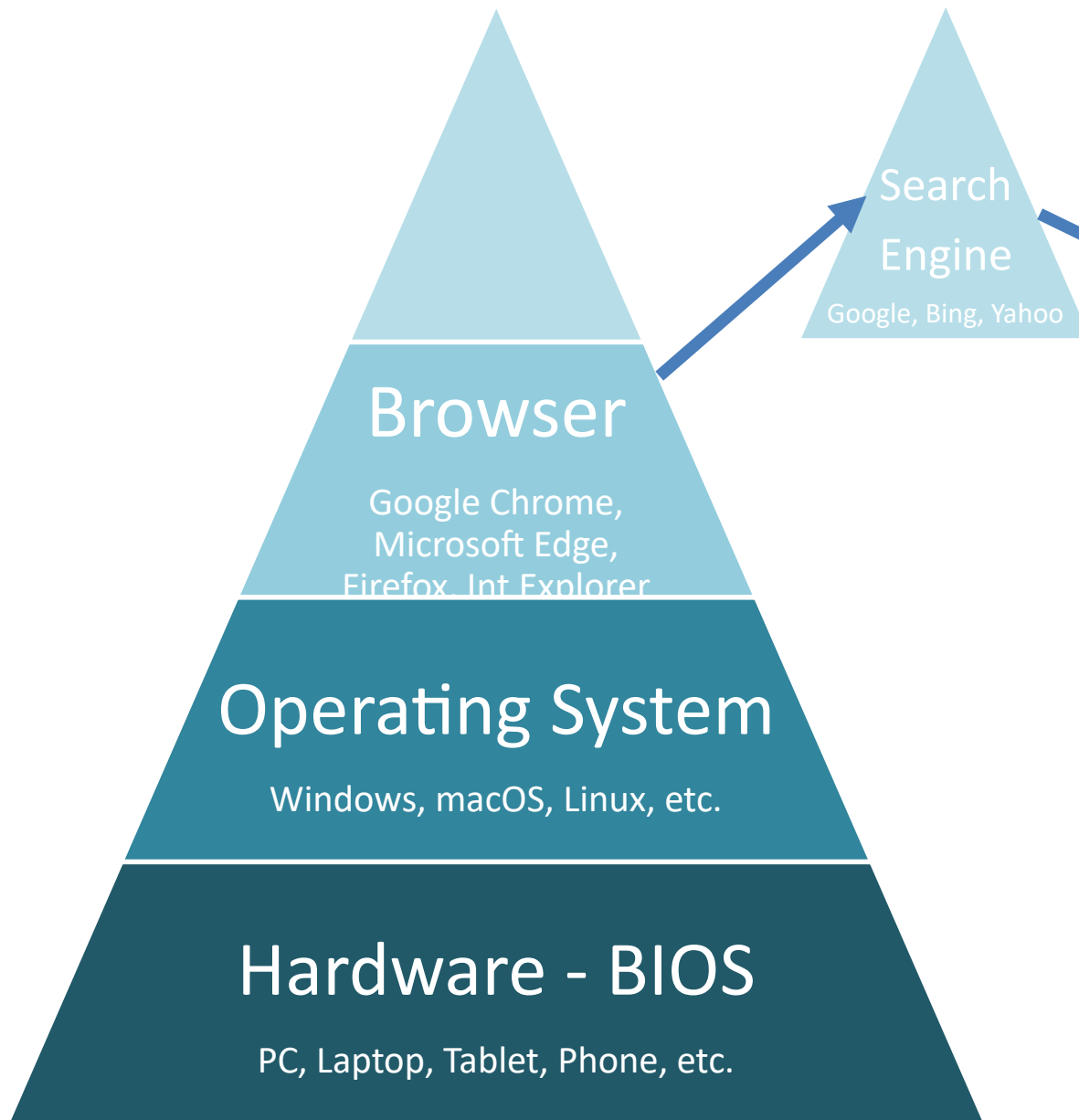
A software system that is designed to search for information on WWW

Allows searching and filtering websites

A software system that runs on WWW

Google, Bing, Yahoo and Ask.com are some examples



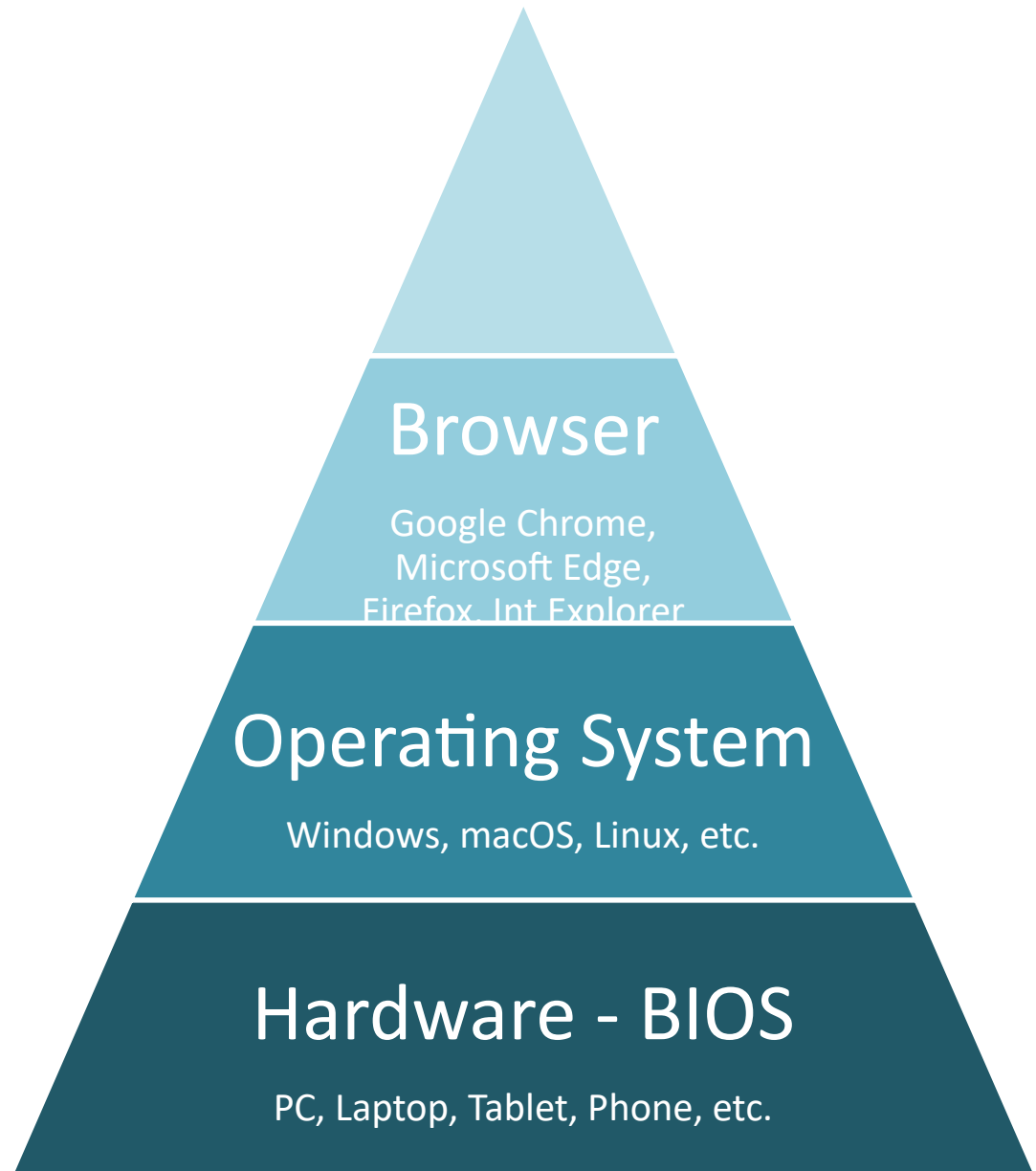


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- TCP/IP and HTTP protocols are used by web browsers.



Benefits of a Browsers

At present, many individuals use the internet to obtain news, weather predictions, cooking recipes, medical diagnoses, book reviews and more.

Additionally, the web is used to book flights, plan holidays, purchase and sell items and voice opinions —just a few of the many benefits of web browsers.

Before the web, people had satisfied most of these informational demands through traditional methods such as newspapers, radio and television etc.

The web's rapid growth as an engaging and dynamic platform necessitates browser development to accommodate the growing data and users. Speed of delivery of information is one significant benefit.

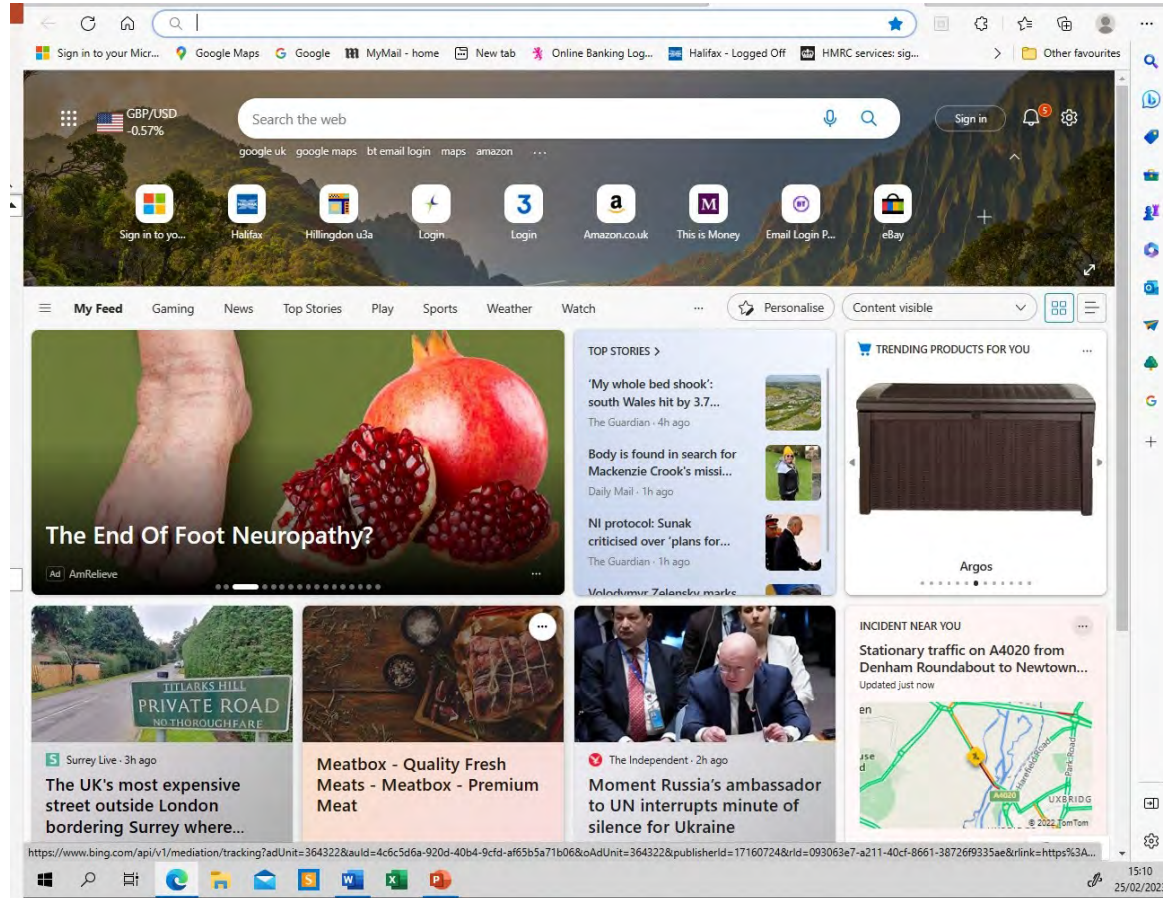
Therefore, web pages should swiftly load dynamic content like images and videos. Another benefit is simplicity. A user interface allows consumers to focus on content rather than the browser. Navigating between pages and tabs is also made easy by various web browser features. Finally, since security is a persistent concern, browsers make an effort to protect users from malware, data breaches and leaks. Other browsers suggest that anti-malware software that delivers real-time protection should be used in conjunction with browsers to ensure a PC is protected against malware.

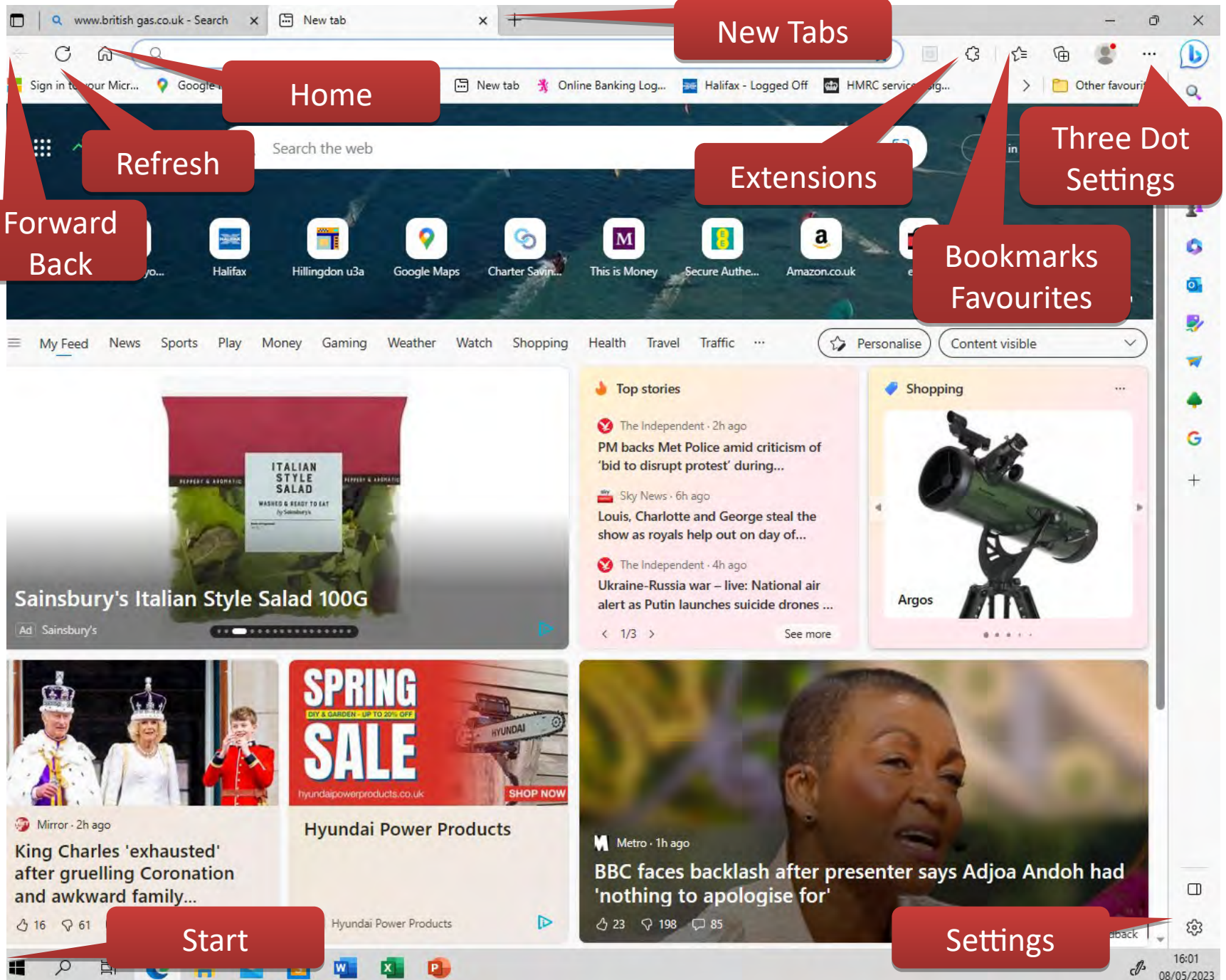
Top 10	Web Browser	Market Share
1	Google Chrome	69.53%
2	Microsoft Edge	9.71%
3	Mozilla Firefox	7.15%
4	Internet Explorer	4.53%
5	Safari	3.92%
6	QQ browser	1.49%
7	Sogou Explorer	1.35%
8	Opera	0.90%
9	Yandex Browser	0.84%
10	UC Browser	0.29%

Features of a Browser

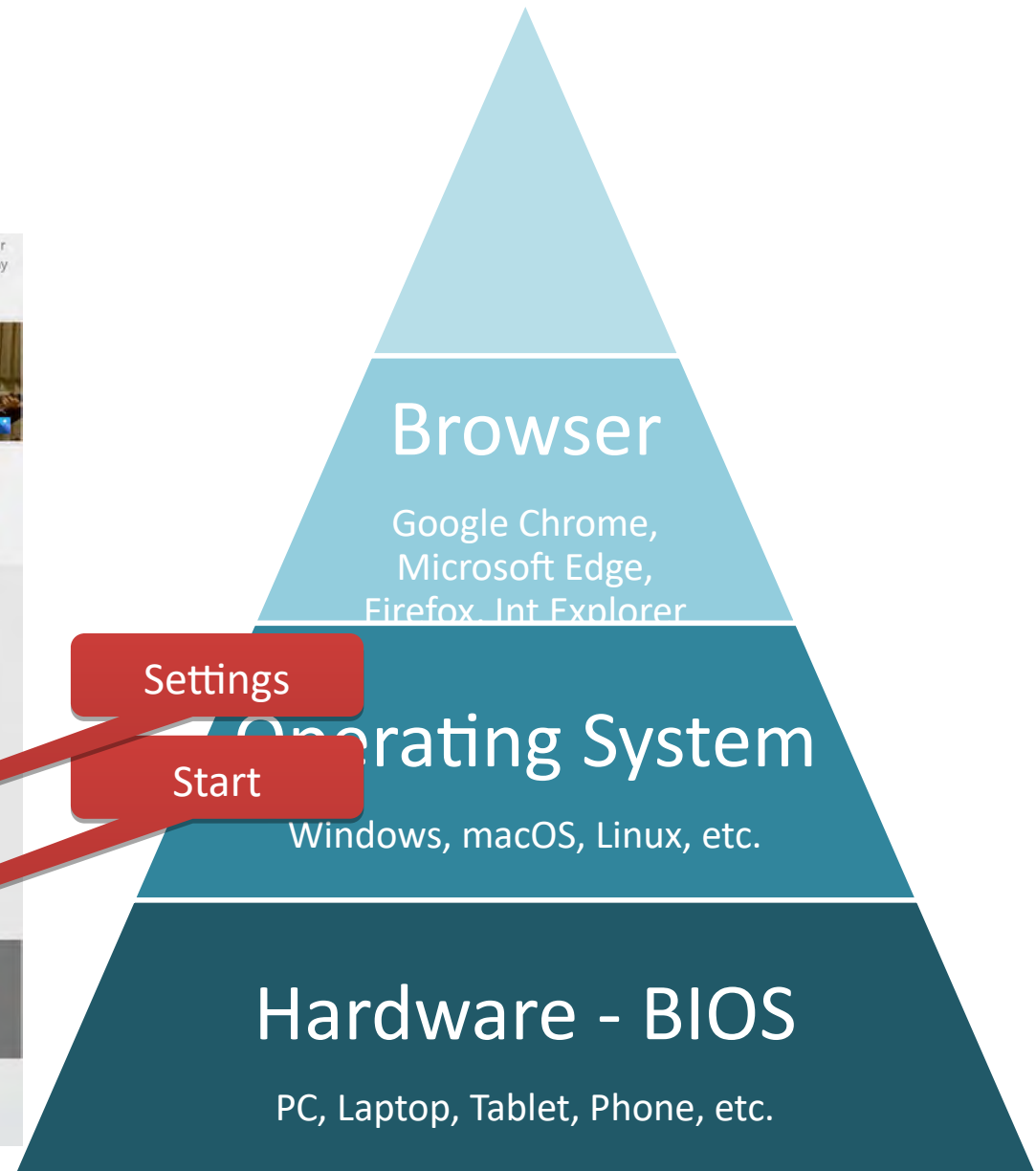
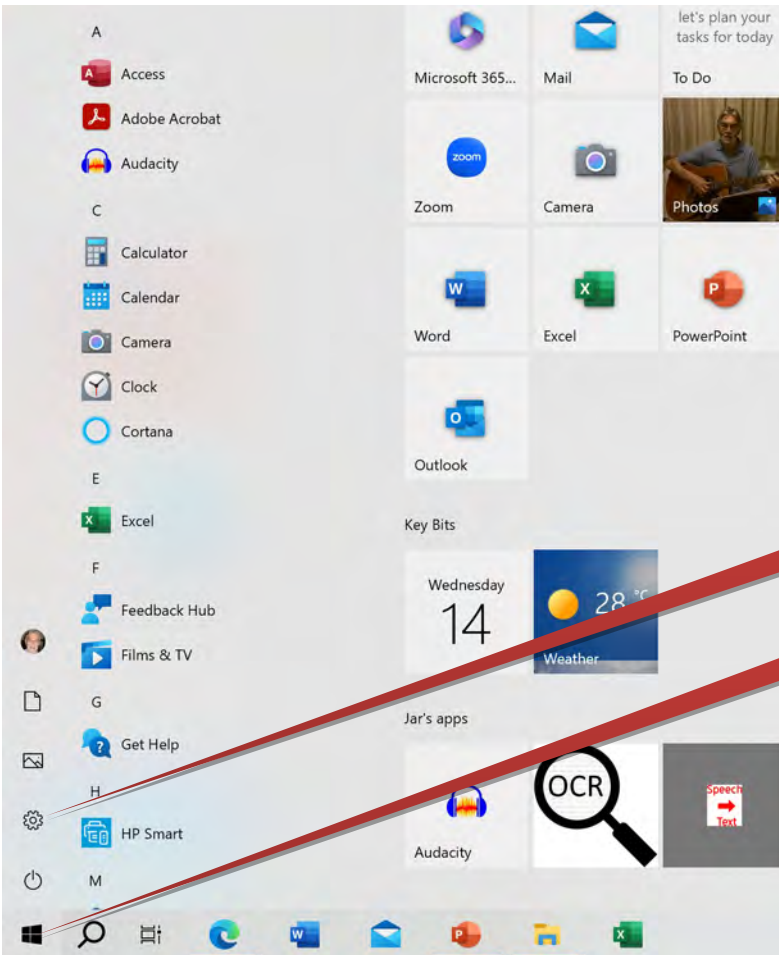
Web browsers offer a range of functionalities from simple text-based user interfaces with support for plain HTML to complex user interfaces for a wide variety of file formats and protocols. **All major web browsers also support concurrent access to numerous websites, either in separate browser windows or in various tabs inside the same browser window.** Pop-up blockers to prevent unsolicited windows from appearing without the user's permission are another common feature. Additionally, most modern browsers include an incremental find capability that enables users to search within a web page. In general, web browsers share the same user interface elements that provide the **features below**.

- **Search bar:** Used to enter keywords into a search engine.
- **Address bar:** For inputting and displaying the requested resource's Uniform Resource Identifier (URI). The search bar and the address bar are integrated into some browsers.
- **Back and forward buttons:** Used to browse to the previous and subsequent URLs, respectively.
- **Refresh or reload button:** Reloads the most recent version of the URI.
- **Halt button:** Prevents the website from loading.
- **Status bar:** Indicates the state of resource loading and the URI links.
- **Viewport:** The visible area of a webpage within the browser window.





Changing my Browser

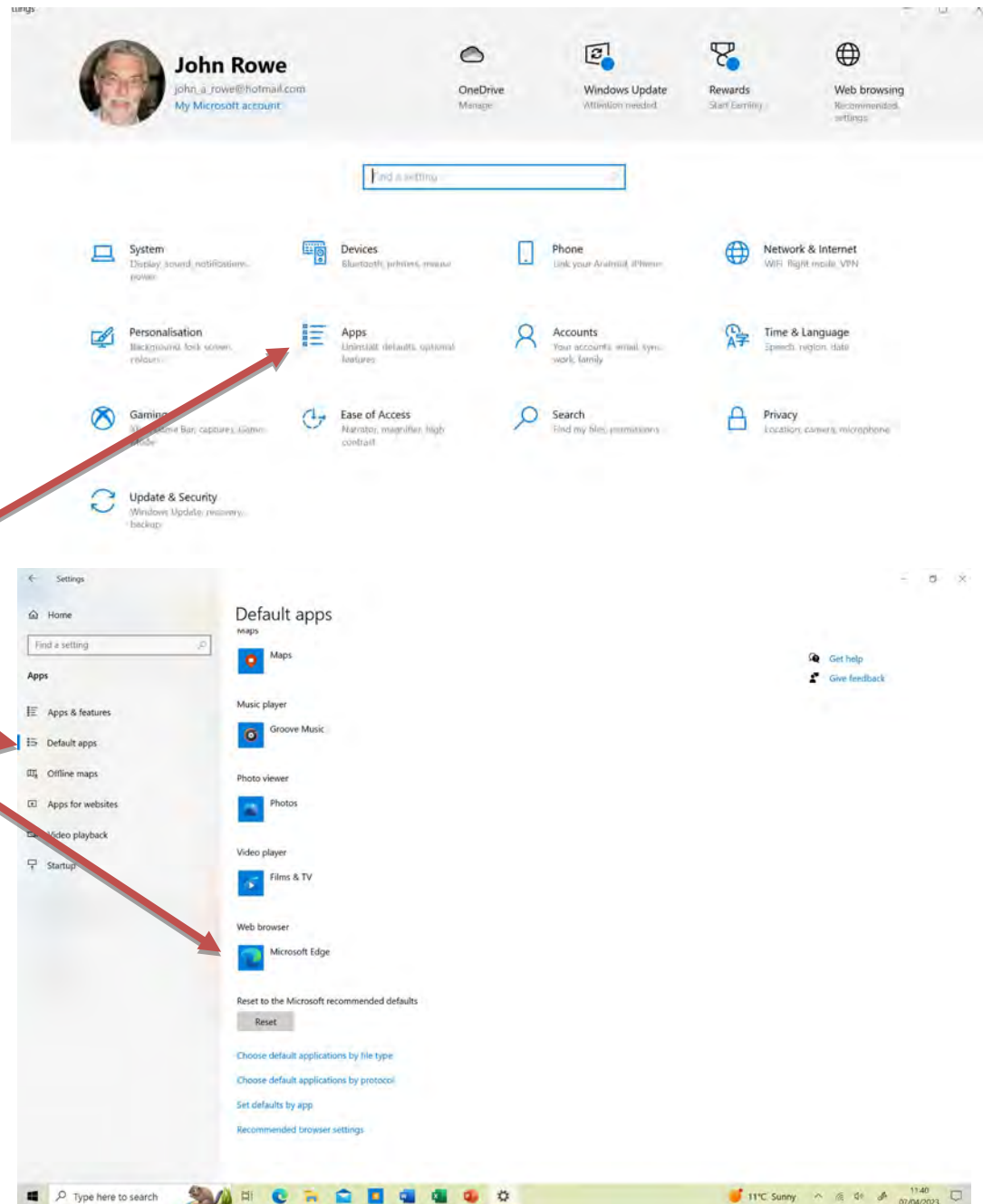


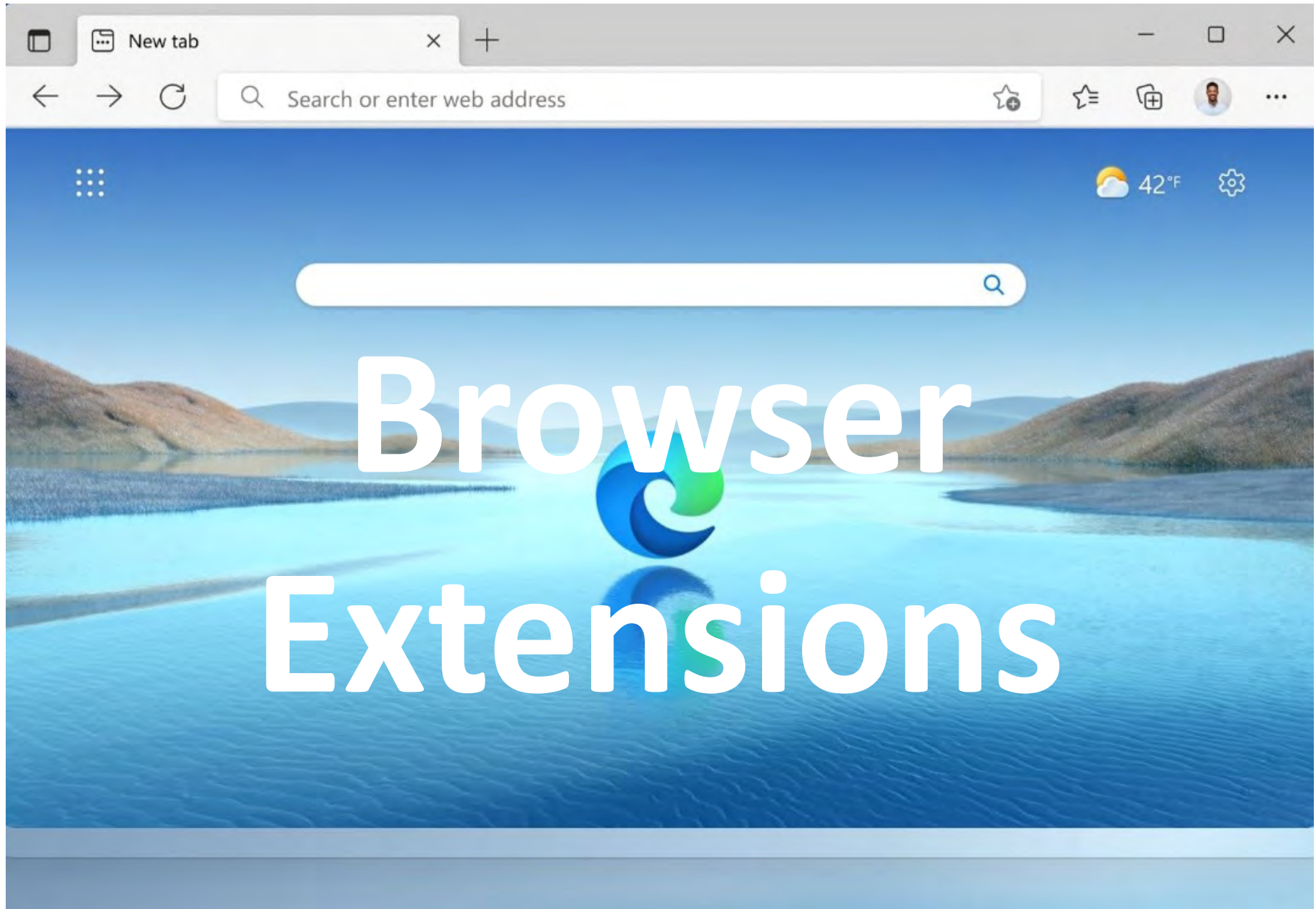
Changing my Browser

Go to the Operating System Settings

Windows Settings (cog wheel)

- Go to “Apps”
- Go to “Default apps”
- Select a different Browser



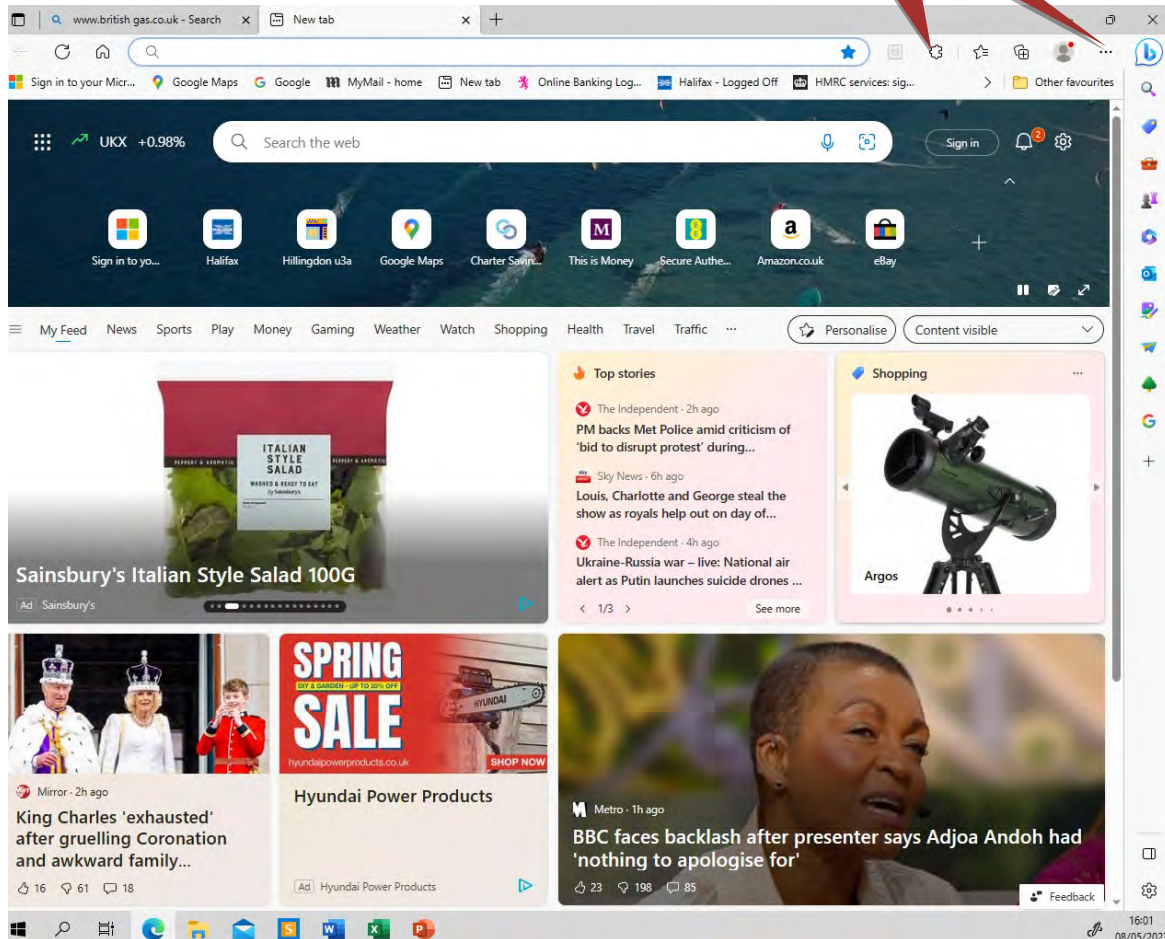


Browser Extensions

A browser extension is a small software program that can **customize and improve your web browsing experience** and connect your favourite apps to your browser activity. **They can also add new features, modify existing ones, or even change the look of your browser.** Because of this, extensions have risen in popularity over the past few years. Browsers like Chrome, Safari, Opera, Internet Explorer, and Edge now offer thousands of extensions people can download and use, with that number rising every day.

“Extensions will enhance your browsing experience”

Extensions



Firefox
Google Chrome
Internet Explorer



Firefox
Google Chrome
Internet Explorer

Keepa

Wikiwand



Firefox
Google Chrome
Internet Explorer

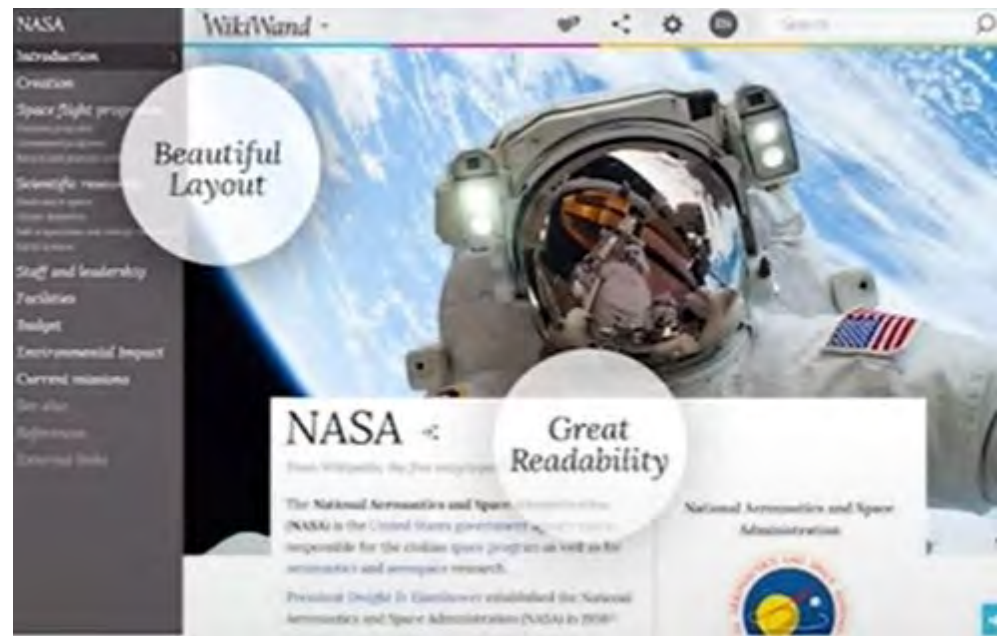
Keepa

Wikiwand



Benefits of Browser Extension

There are many different types of extensions available, each with its own purposes. Aside from a few offering aesthetic changes, other extensions can enhance access to software from the browser developers, like Docs and Sheets in Chrome. **Some extensions can change your experience, such as by blocking ads or by blocking malware.** Meanwhile, some extensions, like Desktop.com's Browser Extension, are essential to your browser's safety and password management. **Whatever the need is, there's almost always a browser extension that can support it.**



Difference between Apps and Extension

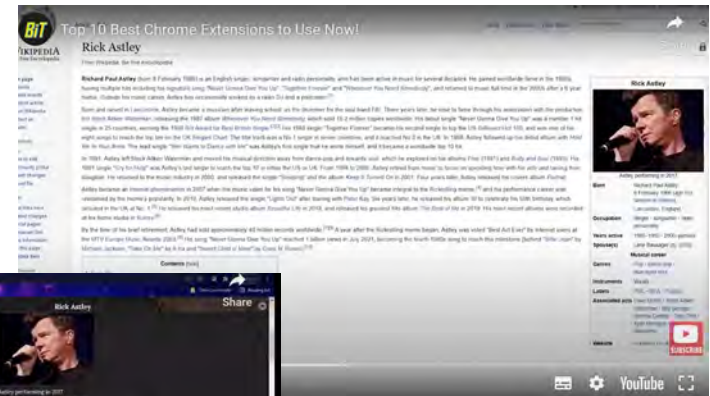
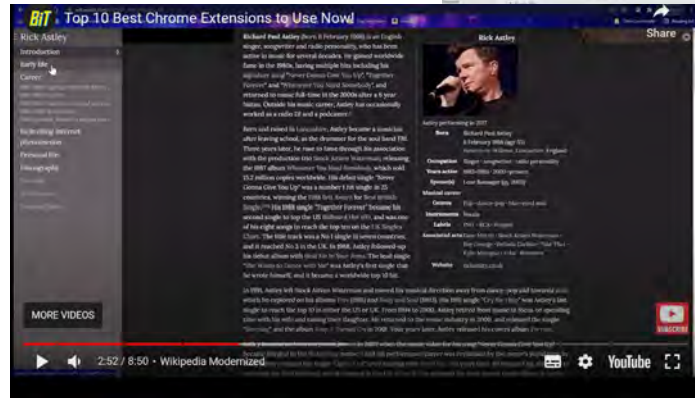
Apps

Apps are programs you use on a computer, but they are all web-based. Some you may recognize (like Google Drive, Prezi, etc) but there are lots to explore. Some apps will just link you to a website like an even easier bookmark, others are more integrated.

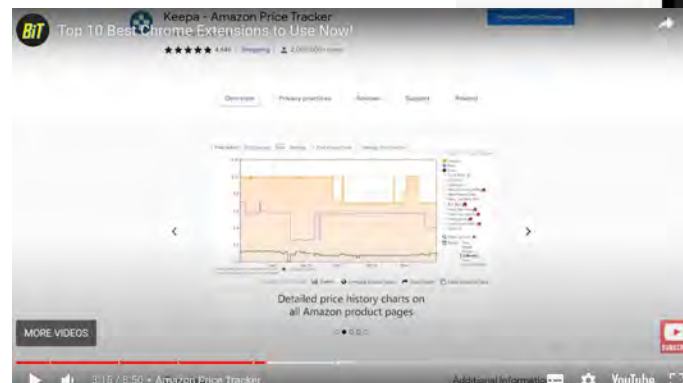
Extensions

Extensions extend what your Browser can do. Google defines them as "extra features and functionality that you can easily add to Google Chrome. By using extensions, you can customize Google Chrome with features you like, while keeping your browser free of things that you don't use."

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Video 8 mins Examples of Last
Password, Turn off Lights, URL Render,
Print Friendly, Send to Google Maps,
Running Dinosaur.

[Top 6 Useful Microsoft Edge Extensions
! - Bing video](#)

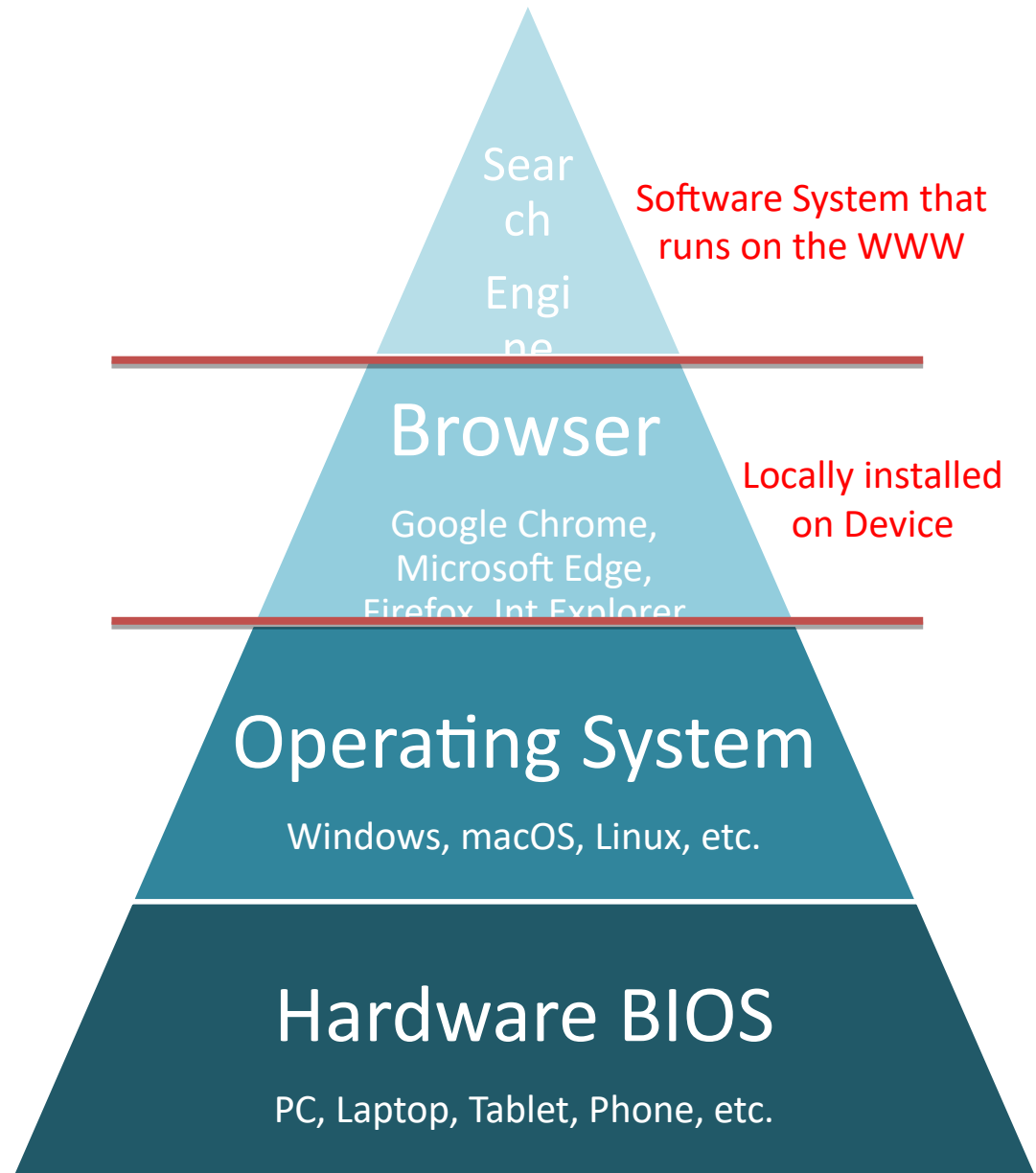


Search Engine

A search engine is an example of application software that is developed to search the content available on the Internet. For this purpose, users enter the desired keywords into the search field. Then the **search engine looks through its index for relevant web pages and displays them in the form of a list.**

There are three main components of the Search engine:

- **Crawler:** It regularly scans the websites automatically for URLs, keywords, and links to discover updates.
- **Index:** The Crawler develops an index of URLs, links, and keywords to make the search results more effective.
- **Search Algorithm:** It searches the index to finding the most suitable web pages by matching keywords that are used.



Benefits of a Search Engines

Time Savings: A search engine saves you time in two ways: by eliminating the need to find information manually, and by performing searches at high speeds. Without a search engine, you would have to look at sites one by one and pore over the contents of each carefully – a tedious prospect. A search site automatically compares your criteria to billions of Web pages and gives you results in a fraction of a second. You can perform dozens of searches in the course of a few minutes, altering the criteria as you narrow down results.

Relevance: When a search engine scans a website, it scores the content for relevance to particular search words. For example, the site, "Joe's Pizza" scores higher for the search term "pizza restaurant" than the site "Acme Pizza Dough Distributors." Although search companies keep their ranking formulas secret, they take into consideration factors such as repetition of related words and links from other sites. A search engine sorts its results page by relevance to your criteria, with the score in descending order. You see the highest-scoring results at the top; as you move down the list, websites become less relevant.

Free Access: Some search engines, such as LexisNexis, specialize in legal or other specialized, scholarly information; these sites charge a fee to use their services. Google, Bing and Yahoo pay for their operations through advertising; searches are free to the user, without restrictions for the information you seek, the time spent on the site or the number of searches you perform. Although this benefits all users, it is a particular advantage for students, job seekers and others of limited means.

Comprehensive: Search engines scan the entire Web and keep comprehensive data on every page they catalogue. Because search companies hold so much data, they help you find obscure sites about which you would not otherwise know. Search results are more likely to give you too much information rather than too little.

Top 10	Search Engines	Market Share
1	Google	92.01%
2	Bing	2.96%
3	Yahoo	1.51%
4	Baidu	1.17%
5	Yandex	1.06%
6	DuckDuckGo	0.68%
7	Ask.com	0.42%
8	Naver	0.13%
9	AOL	0.06%
10	Seznam	0.05%

Features of a Search Engine

The work of a search engine can be broken down into three stages. Firstly, there is the process of discovering the information. Secondly, there is the organization of the information so that it can be effectively accessed and presented when users search for something. Thirdly, the information must be assessed to present search engine users with relevant answers to their queries. These three stages are usually called crawling, indexing, and ranking.

Crawling: Search engines use pieces of software called web crawlers to locate publicly available information from the internet, which is why this process is known as crawling. Web crawlers can also sometimes be referred to as search engine spiders. The process is complicated, but essentially the crawlers/spiders find the web servers (also known as just servers for short) which host the websites and then proceed to investigate them.

A list of all the servers is created, and it is established how many websites are hosted on each server. The number of pages each website has, as well as the nature of the content, for example, text, images, audio, video, is also ascertained. The crawlers also follow any links that the website has, whether internal ones that point to pages within the site, or external ones that point to other websites and use them to discover more pages.

Indexing: Information found by the crawlers is organized, sorted, and stored so that it can later be processed by the algorithms for presentation to the search engine user. This is known as indexing. Not all the page information is stored by the search engine, instead, it's just the essential information needed by the algorithms to assess the relevance of the page for ranking purposes.

Ranking: When a query is entered into a search engine, the index is scoured for relevant information and then sorted into a hierarchical order by an algorithm. This ordering of the search engine results pages (SERPS) is known as ranking.

Different search engines use different algorithms, and so give different results. Over the years, algorithms have become more and more complex as they attempt to present more relevant and accurate answers in response to the queries of search engine users.

Command	Example	Explanation
This and That	new iPhone deals	Search all words: new, iPhone, and deals; similar to using AND between the terms
This or That	sailing OR boating	Search <i>sailing</i> or <i>boating</i>
Exact Match	"love me tender"	Search this phrase as a whole
Exclude Words	Printer -cartridge	Search <i>printer</i> but hide any results that include <i>cartridge</i>
Definitions	define:serendipity	Definitions for <i>serendipity</i>
Partial Search	san * california	Search all words but allow for another word between them
Add	978+456	1434
Subtract	978-456	522
Multiply	978*456	445968

Bing and Google Search for Bosnia

Microsoft Bing Search results for "bosnia". The page shows the Microsoft Bing logo, search bar, and navigation links (SEARCH, CHAT, TRAVEL, IMAGES, VIDEOS, MAPS, MORE). The search results for "Bosnia and Herzegovina" are displayed, including a Wikipedia link, a map, and a list of tours and activities.

Bosnia and Herzegovina
Country in Southeast Europe

Bosnia and Herzegovina - Wikipedia
https://en.wikipedia.org/wiki/Bosnia_and_Herzegovina
Bosnia and Herzegovina (Serbo-Croatian: Bosna i Hercegovina, Босна и Херцеговина), abbreviated BiH or B&H, sometimes called Bosnia–Herzegovina and often known informally as Bosnia, is a country in Southeastern Europe, located in the Balkans. Bosnia and Herzegovina borders Serbia to the east, ... See more

Etymology
The first preserved widely acknowledged mention of a form of the name "Bosnia" is in De Administrando Imperio, a politico-book written by the Constantine VII in the See more

History
Early history
Bosnia has been inhabited by humans since at least the Paleolithic, as one of the oldest cave paintings was found in Badanj cave ... See more

Tours and activities
Hiking between Bosnia and Herzegovina
viator.com • from **£680**
5/5 ★★★★★ (28) • 5 days
Multi-day Tours

Beautiful Bosnia 8 Days Tour
viator.com • from **£871**
5/5 ★★★★★ (2) • 8 days
Multi-day Tours

From Sarajevo: Vranduk & Tešanj Medieval Tour Small
getyourguide.co.uk • from **£77**
5/5 ★★★★★ (2) • 1 days
Day Trips, Guided Tours

Bosnia and Herzegovina

Google Search results for "bosnia". The page shows the Google logo, search bar, and navigation links (All, News, Images, Maps, Videos, More, Tools). The search results for "Bosnia and Herzegovina" are displayed, including a Wikipedia link, a map, and a list of related countries.

Related to Bosnia and Herzegovina and Tuvalu

Bosnia and Herzegovina, Serbia, Croatia, Bulgaria, Albania, North Macedonia, Montenegro, Tuvalu

Bosnia and Herzegovina
Wikipedia
https://en.wikipedia.org/wiki/Bosnia_and_Herzegovina
Bosnia and Herzegovina abbreviated BiH or B&H, sometimes called Bosnia–Herzegovina and often known informally as Bosnia, is a country in Southeastern Europe ...
Government, Federal parliamentary direc... Ethnic groups (2013): 50.1% Bosniaks...
Demonym(s): Bosnian; Herzegovinian; Date format: d. m. yyyy. (CE)
History of Bosnia and... Republic of Bosnia and Serbs of Bosnia Ottoman Bosnia

People also ask

What country did Bosnia used to be? ✓

Is Bosnia allies with Russia? ✓

What did Bosnia used to be called? ✓

Why is Bosnia called Herzegovina? ✓

Bosnia and Herzegovina
Country in the Balkans

Bosnia and Herzegovina is a country on the Balkan Peninsula in southeastern Europe. Its countryside is home to medieval villages, rivers and lakes, plus the craggy Dinaric Alps. National capital Sarajevo has a well preserved old quarter, Baščaršija, with landmarks like 16th-century Gazi Husrev-bey Mosque. Ottoman-era Latin Bridge is the site of the assassination of Archduke Franz Ferdinand, which ignited World War I — Google

Capital: Sarajevo

Bing and Google Search for Binary Numbers

Google search results for "Binary Numbers".

Google

Binary Numbers

About 360,000,000 results (0.46 seconds)

Binary number : Overview Practice problems Examples Video

01010101

In mathematics and in computing systems, a binary digit, or bit, is the smallest unit of data. Each bit has a single value of either 1 or 0, which means it can't take on any other value. Computers can represent numbers using binary code in the form of digital 1s and 0s inside the central processing unit (CPU) and RAM.

TechTarget
https://www.techtarget.com/whatis/definition/binary

What is binary and how is it used in computing? - TechTarget

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Maths Is Fun
https://www.mathsisfun.com/binary-number-system

Binary Number System

There is no 2, 3, 4, 5, 6, 7, 8 or 9 in Binary! Binary numbers have many uses in mathematics and beyond. ... In fact the digital world uses binary digits.

Wikipedia
https://en.wikipedia.org/wiki/Binary_number

Bing search results for "Binary Numbers".

Microsoft Bing

Binary Numbers

About 3,160,000 results Date

BBC
https://www.bbc.co.uk/bitesize/topics/zgv8dp3/articles/z9j2jsq

Binary numbers - BBC Bitesize

Web The binary system is based around the number 2 using the digits 0 and 1. So, instead of using units, tens, hundreds, and thousands, in the binary system we use units, twos, fours ...

EXPLORE FURTHER

- Table / List of Binary Numbers from 0 to 100
- Binary Calculator
- Binary Number System - Definition, Conversion, Examples - G...
- Binary test questions - KS3 Computer Science Revision - BBC
- Binary Number System - Definition, Conversion and Example...

convertbinary.com
calculator.net
geeksforgoeks.org
bbc.co.uk
byjus.com

Wikipedia
https://en.wikipedia.org/wiki/Binary_number

Binary number - Wikipedia

Overview Representing real numbers History Representation

Non-integers can be represented by using negative powers, which are set off from the other digits by means of a radix point (called a decimal point in the decimal system). For example, the binary number 11.012 means:
For a total of 3.25 decimal.
All dyadic rational numbers have a terminating binary numeral—the binary representation has a fi...

Wikipedia - Text under CC-BY-SA licence

Estimated Reading Time: 10 mins

EXPLORE FURTHER

- Binary Number System - Chart, Conversion and Operations - C...
- Binary number system | Definition, Example, & Facts | Britannica

www.cuemath.com
www.britannica.com

Who developed a form of writing using a series of knots and strings?

A The Inca
B The Maya
C The Pharaohs

Binary numbers are not so easy to add and multiply as decimal numbers. Especially when you are dealing with a long string of numbers. Binary multiplication is the most difficult to do.

More Images

About

A binary number is a number expressed in the base-2 numeral system or binary numeral system, a method of mathematical expression which uses only two symbols: typically "0" and "1". The base-2 numeral system is a positional notation with a radix of 2. Each digit is referred to as a bit, or binary digit. Wikipedia

Understanding

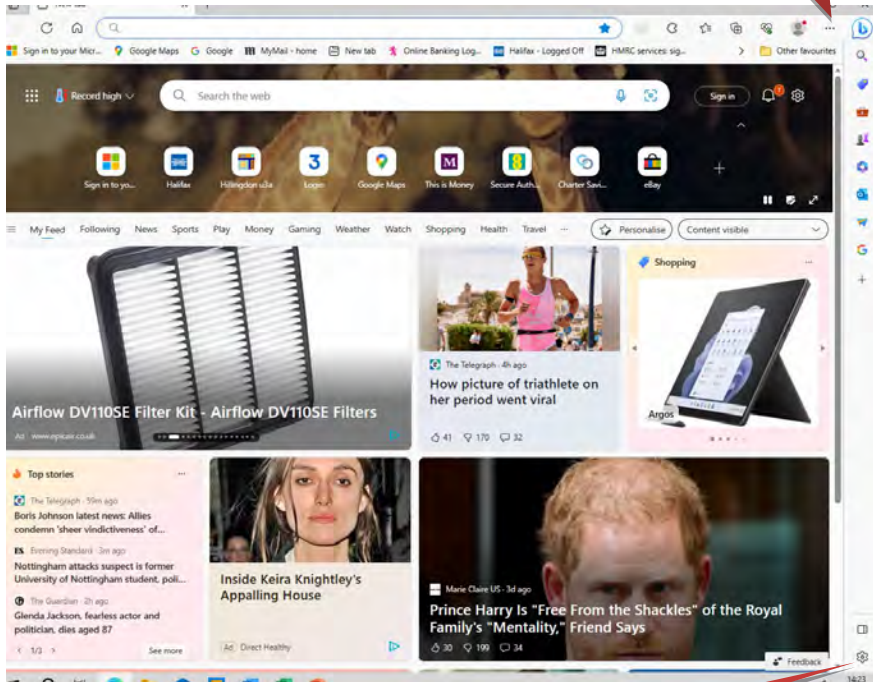
Convert

Maximum

Pros and cons

Changing my Search Engine

Three Dots



Settings

Search Engine

Browser

Google Chrome,
Microsoft Edge,
Firefox, Internet Explorer

Operating System

Windows, macOS, Linux, etc.

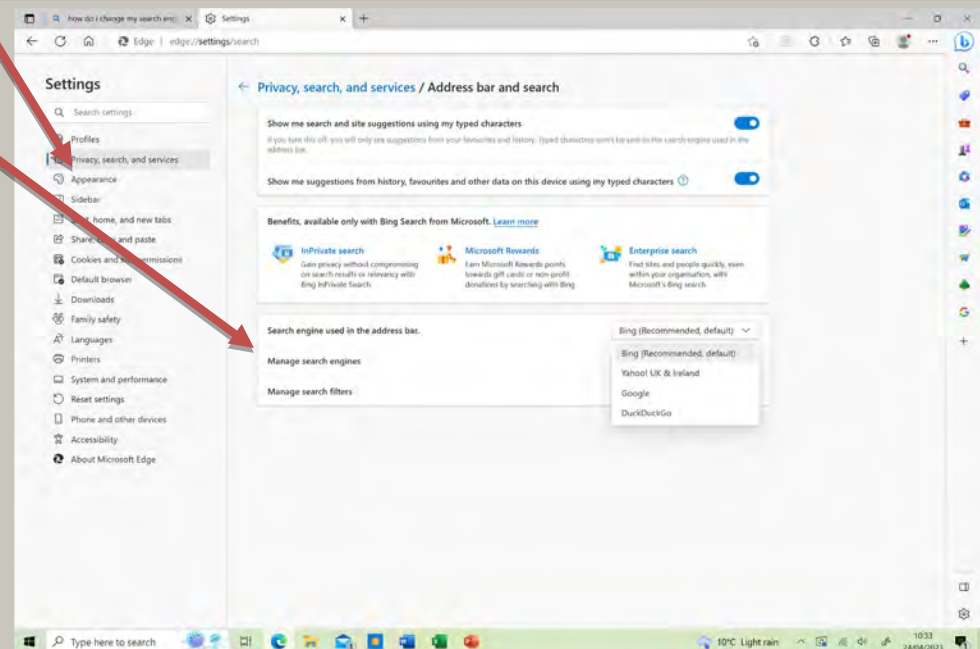
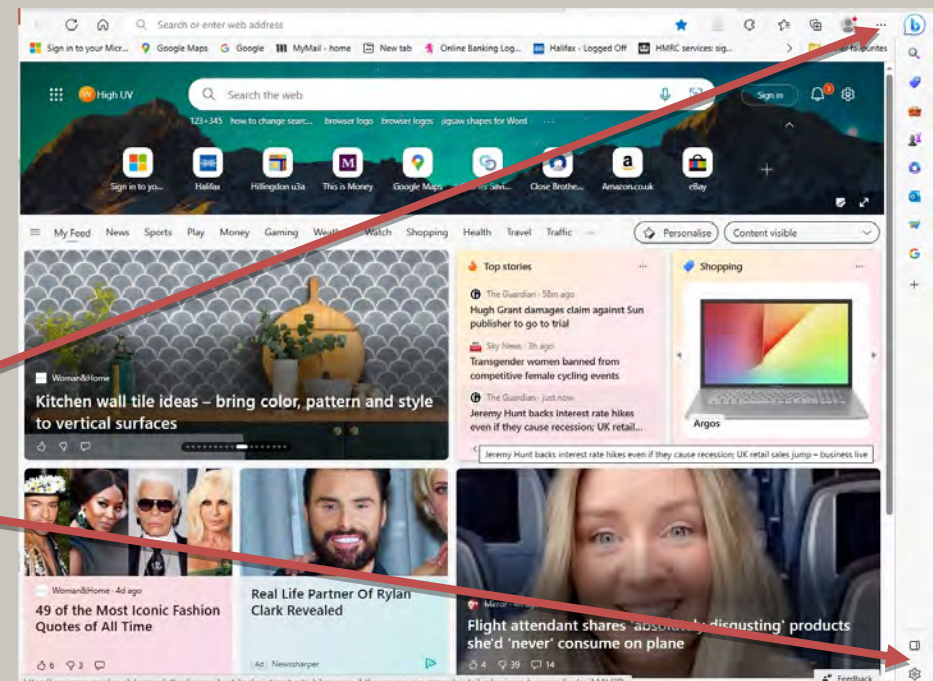
Hardware BIOS

PC, Laptop, Tablet, Phone, etc.

Changing my Search Engine

Search Engine

- Select Settings or Three-Dot More icon.
- Select Privacy and services.
- Scroll all the way down to the Services section and select Address bar.
- Choose your preferred search engine from the Search engine used in the address bar.



Changing my Search Engine

The screenshot shows the Microsoft Edge browser window with the address bar displaying "how do i change my search engine" and the "Settings" tab active. The left sidebar contains a "Settings" menu with options: Profiles, Privacy, search, and services (selected), Appearance, Sidebar, Start, home, and new tabs, Share, copy and paste, Cookies and site permissions, Default browser, Downloads, Family safety, Languages, Printers, System and performance, Reset settings, Phone and other devices, Accessibility, and About Microsoft Edge.

The main content area is titled "Privacy, search, and services / Address bar and search". It contains two toggle switches, both turned on:

- Show me search and site suggestions using my typed characters**: If you turn this off, you will only see suggestions from your favourites and history. Typed characters won't be sent to the search engine used in the address bar.
- Show me suggestions from history, favourites and other data on this device using my typed characters**

Below these toggles is a section titled "Benefits, available only with Bing Search from Microsoft. [Learn more](#)". It includes three cards:

- InPrivate search**: Gain privacy without compromising on search results or relevancy with Bing InPrivate Search.
- Microsoft Rewards**: Earn Microsoft Rewards points towards gift cards or non-profit donations by searching with Bing.
- Enterprise search**: Find sites and people quickly, even within your organisation, with Microsoft's Bing search.

The "Search engine used in the address bar." section shows a dropdown menu currently set to "Bing (Recommended, default)". The dropdown list is open, showing the following options:

- Bing (Recommended, default)
- Bing (Recommended, default)
- Yahoo! UK & Ireland
- Google
- DuckDuckGo

The Windows taskbar at the bottom shows the search bar with "Type here to search", the Start button, and several pinned application icons. The system tray on the right indicates the time is 10:33 and the date is 24/04/2023, with weather information showing 10°C and light rain.

The End