

1.

World wide web a global information platform consisting of pages linked internally and externally to each other using hyperlinks which allow us to navigate one page to another. The hyperlinks consist of three key components, URI which locates the main resources, such as images, videos, audios etc. URL a subset of URI, that identifies and locates internet resources. A typical example would be, www.domainname.co.uk/path-file/?parameters.

2.

Front end.

Physical appearances on your browser, any interactions within the browser and so on. Certain tools play an important role part of this, HTML, which provides the foundation of the webpage structure. CSS, applies all styling of your webpage these include layouts, colours, fonts for a better visual experience.

Back end.

This refers to things that are unseen, server side enables these elements to run operation on webpages. Not only having servers will be sufficient, we require a databases where all these informations are stored. Back end developers will use backend languages to deal with this side of the operation using available languages, some of these include, Javascript, php, python and so on.

3.

During the google query, what really happens in the backend is, when given the content into the web this will be inserted into the database and run certain logical functions created by the backend developer, this will do what is told by the code, run by certain steps also known as algorithms and return back to the script and this displayed to the front end.

4.

A collection of technologies to create a web application, there are a few, however MERN stack, M for MongoDB a JSON based approach that stores data as document or objects. E for Express, that simplifies server side web development using Node.js, it allows scripts to do functions inside the created database. R for react, is a library by Facebook which involves components rendered into HTML a good source for dynamic interfaces for both client and servers. N for Node.js, is using javascript codes interact with browsers and web servers and enables executions.