https://www.youtube.com/watch?v=RsQ1tFLwldY

Web App

A piece of software that runs in a browsers (web client). So, all or some parts of the software are downloaded from the Web each time it is run.

Ex- webmail, online retail sales, online auctions, wikis, instant messaging services

Web Server

Web servers are computers (program) that deliver (serves up) Web pages using protocols (HTTP, FTP, WebSockets). Every Web server has an IP address and possibly a domain name.

For example, if you enter the URL http://www.webopedia.com/index.html in your browser, this sends a request to the Web server whose domain name is webopedia.com. The server then fetches the page named index.html and sends it to your browser.

domain name

Domain names are used to identify one or more IP addresses. For example, the domain name microsoft.com represents about a dozen IP addresses.

Domain names are used in URLs to identify particular Web pages. For example, in the URL http://www.pcwebopedia.com/index.html, the domain name is pcwebopedia.com.

Every domain name has a suffix that indicates which top level domain (TLD) it belongs to. There are only a limited number of such domains. For example:

gov - Government agencies

edu - Educational institutions

org - Organizations (nonprofit)

mil - Military

com - commercial business

net - Network organizations

ca - Canada

th - Thailand

Because the Internet is based on IP addresses, not domain names, every Web server requires a Domain Name System (DNS) server to translate domain names into IP addresses.

HTTP:

send request to server and server send response back about the resource and once this cycle complete the Server forget about he request.

next request is treated as new request from new machine. due to this HTTP is called Stateless protocol. and this pair of request-response is called HTTP transaction.

HTTP request Methods

GET,

POST - put data in the body of request

https://www.youtube.com/watch?v=7YcW25PHnAA

REST APIs

One piece of s/w to talk with another.

REpresentational State Transfer Application Programming Interface.