**Day 15:**

**Web Application**

Java

JavaSE JavaEE JavaME

Java Standard Java Enterprise Java Micro

Edition Edition Edition

Console or

Desktop base application

Awt or swing or JavaFX -🡪 GUI

JDBC

MySQL or oracle

Limitation of console or desktop application

1. To run that application we need software in every individual machine.
2. For this application only one client.
3. If we want to do any changes in application we need to update in every machine individually.

Web Application

http://[www.google.com](http://www.google.com) ---🡪 URL

http/https (req)------🡪

Client Server

🡨---http/https-----(res) html

css

bootstrap

JS

Html1 to html5 :

Hyper text markup language : which help to create the web pages.

CSS : Cascading style sheet:

**JavaScript** : which help to validation on client machine. We can do programming or coding on client machine.

DOM : document object model

DOM parser : we want to read, write and update html content dynamically.

JavaScript provided pre defined function to read, write and update html code dynamically. We do using java, python, C# etc.

JavaScript library or framework

jQuery : jQuery is external JS library which provided lot of pre defined function to read, write and update html content properly.

Angular or React JS or Vue JS etc.

JavaScript : JavaScript was object based interpreter scripting language till ES5 version . from **ES6** onward JavaScript also known as object oriented interpreter scripting language.

Client Side JS inside a html web page

<script type=”text/JavaScript”> opening tag

</script> closing tag

Server Side JS(node js)