**Assignment # 2**

1. **jQuery :** jQuery is a fast, small, and feature-rich JavaScript library. It makes things like HTML document traversal and manipulation, event handling, animation, and Ajax much simpler with an easy-to-use API that works across a multitude of browsers. With a combination of versatility and extensibility, jQuery has changed the way that millions of people write JavaScript.

**https://www.youtube.com/watch?v=T2mFyPxL-fU**

1. **JavaScript:** It’s the behavior of a website (HTML: Structure , CSS: Style ; JS: Behavior). Twitter is a great example.
2. **SQL/MySQL: SQL** stands for **Structured Query Language**. It's a standard language for accessing and manipulating databases. **MySQL** is a database management system, like **SQL** Server, Oracle, Informix, Postgres, etc. **MySQL** is a RDMS (Relational Database Management System).
3. **PHP:** PHP is a server-side scripting language. that is used to develop Static websites or Dynamic websites or Web applications. PHP stands for Hypertext Pre-processor, that earlier stood for Personal Home Pages. PHP scripts can only be interpreted on a server that has PHP installed. The client computers accessing the PHP scripts require a web browser only. A PHP file contains PHP tags and ends with the extension ".php"
4. **Angular.js:** is a JavaScript-based open-source front-end web application framework mainly maintained by Google and by a community of individuals and corporations to address many of the challenges encountered in developing single-page applications.
5. **CSS3:** is the latest evolution of the Cascading Style Sheets language and aims at extending CSS2.1.
6. **HTML5:** is a markup language used for structuring and presenting content on the World Wide Web. It is the fifth and current version of the HTML standard.
7. **Node.Js:**  is a platform built on Chrome's JavaScript runtime for easily building fast and scalable network applications. **Node**.**js** uses an event-driven, non-blocking I/O model that makes it lightweight and efficient, perfect for data-intensive real-time applications that run across distributed devices
8. **AWS:** Amazon Web Services (**AWS**) is a secure cloud services platform, offering compute power, database storage, content delivery and other functionality to help businesses scale and grow.
9. **Webpack:** is a module bundler. Its main purpose is to bundle JavaScript files for usage in a browser, yet it is also capable of transforming, bundling, or packaging just about any resource or asset.
10. **Docker:** is a technology that allows you to build, run, test, and deploy distributed applications that are based on Linux containers. Amazon ECS uses **Docker** images in task definitions to launch containers on EC2 instances in your clusters.
11. **Mean stack:** refers to a collection of JavaScript based technologies used to develop web applications. **MEAN** is an acronym for MongoDB, ExpressJS, AngularJS and Node.js. From client to server to database, **MEAN** is full **stack**JavaScript.
12. **Ajax: Ajax** (**Asynchronous Javascript and XML**) is a subset of javascript. **Ajax** is way for the client-side browser to communicate with the server (for example: retrieve data from a database) without having to perform a page refresh. **jQuery** is a javascript library that standardizes the javascript differences cross-browser.

**Helpful Links: https://www.youtube.com/watch?v=GEfuOMzRgXo**