Assignment 1

1. Explain the use of JavaScript ( or What you can do using a JavaScript)

JavaScript can be used to create interactive web content. It is a scripting language that can help a user to build server side and client side applications.

2. What is the difference between client-side and server-side?

Applications or program that run on a client system is called as client-side & applications/programs that run on server are called as server-side.

3. What is Nodejs?

Nodejs is a runtime environment that is used to run JavaScript outside a web browser.

4. Explain Scope in JavaScript

A variable's scope is the part of a program where it is available for use. JavaScript variables are lexically scoped, meaning that we can determine a variable's scope from where it is declared in the source code.

5. JavaScript is asynchronous or synchronous.

JavaScript is asynchronous

6. JavaScript is Single-threaded or Multi-threaded.

JavaScript is single-threaded

7. Explain DOM in your own word.

DOM – Document Object Model is a programming interface for web documents. It defines logical structure of documents & the way a document is accessed & manipulated.