**1. Use of javascript**

* Creating interactive websites.
* Building front-end using React, Angular etc.
* Building back-end using Nodejs, Express.
* Building mobile apps using React Native.

**2. Diffrence between client-side and server-side**

1. client-side means which is visible to user, does not need interaction with the server. And in server-side requires interaction with the server.
2. In client-side execution takes place on user’s computer otherhand in server-side all the operations takes place on server.

**3.** Nodejs is a javascript library which used for building back-end.

**4.** Scope refers to availability of variables, a variable of three types of scope:

1. Block scope – variable declared inside the {} can’t accessed outside the block.
2. Local scope – variables declared inside the function, they can be only accessed from within the function.
3. Global scope – variables declared outside the function has global scope.

**5.** Synchronous but asynchronous functionality is achieved by some asynchronous functions.

**6.** single-threaded.

**7.** DOM stands for Document Object Model, basically DOM is programming interface that allows programmers to create, change or remove element from a document. With the help of DOM programmer adds events to make webpage more dynamic.