**IMPORTANT POINTS:**

1. What is javascript—interactive layer which interacts with HTML and CSS.
2. Java and Javascript are different.
3. Ecmascript—is an evolving standard with numbers and letters.
4. Jquery—library of javascript functions.
5. JavaScript framework—Angular JS, React, Vue.js open source for front-end developers
6. Javascript engines for chrome – V8
7. No need to compile he program, you just need Code editor and browse.
8. JavaScript is a **dynamic programming** language as we can change the type of elements during the run time.
9. Code editor types, text editor—Atom, Visual Studio code.
10. Code editor types, IDE – Nebeans, Aptanastudio, Eclipse
11. Console in a browser is a command line where we write manage and control js
12. “**Let**” datatype—from Eclipse 6 framework its useful
13. **Typeof** is a keyword which gives the typeof each veriable definition.
14. **Primitive/value type**—string, number, Boolean, undefined and null
15. **Reference type**—referencing other values or functions—objects, arrays, functions
16. **Object** is a description of a thing or person.

Syntax: let person = {

Name: “sneha”,

Age:24

};

This helps us use this object to describe about the person

1. Accessing the parameters in an object can be done with **dot notation**.

EX: to access name from the above example, we use

Person.name=” latha”;

1. **Arrays**: is a data structure used to store a list of products. Since, JS is a dynamic language, we can change the size and the type of array at run time. So array size can be increased.

**Syntax**: array\_name= []

**Ex**: let select\_colors= [‘red’,’green’];

1. **Function**: Functions are the fundament building blocks of JS.

Function greet ()

{

//body of the content

}

1. **DOM**: Document object model is used by JS. DOM is through which we can reach

<div class="container text-center row jumbotron col-lg-8 col-lg-offset-2 col-md-6 col-md-offset-3 col-sm-6 col-sm-offset-3">

<a name="statistics"></a>

<header>Statistics</header>

<div class="col-lg-10 col-lg-offset-1 col-md-8 col-md-offset-2 col-sm-6 col-sm-offset-3">

<img src="Statistics.jpg" class="img-responsive">