Javascript:

Day 1:

On the day one I learned about history of javascript

Javascript is dynamic type language, we do not need to specify type of variable because its is dynamically assigned by the javascript engine. Javascript is a loosely coupled language and there Is no limitation in JS because Everything in JS is an object and object is container. Container hold anything.

Var keyword to assigned variable In javascript

The first browser are introduced in 1995 names as NETSCAPE and it is developed in Mocha.

The first and original name of javascript is ECHMA SCRIPT.

Javascript is used for frontend programing used to developed web pages using html,css etc

Javascript enables iteractive web pages

But as we know java and javascript is named as almost same but there is no similarity between java and javascript. Javascript is used for front end development and java is used for backend development.

In javascript object contains key value pair,key contains only string value.

Javascript provides 5 datatypes that is

* + String,
  + number
  + Boolean
  + undefined
  + null;

And javascript classified into 2 types that is **Primitive and Non-primitive**

**Primitive** dataType are

* + - String
    - Number
    - Boolean
    - Undefined
    - Null

Properties of primitive type is pass by value or copy by value

**Non-primitive** dataTypes are

Object and Array

Properties of non primitive type is pass by reference or copy by reference

Array and object are container it means it can contain and hold anything, but actually javascript array is object in nature.

Object contains key value pair, key contains only string

e.g.

{

“k” : 1 ;

“k” : “abc” ;

“k” : [] ;

}

undefined is assigned by javascript engine.

Undefined means variable has been declared but no assigned value to variable.

e.g. var a;

var b;

Null is assigned by programmer or developer.

Null is datatype or keyword which is assigned to the variable by developer

After assigning null to the variable, the variable represent as a no value.

E.g. var a=null;

In javascript, there is a predefined keyword typeof.

Typeof keyword returns datatype of variable

e.g var a=10;

typeof a; //returns Number