**Java script**

**JavaS**cript is a scripting language used both on client side and server side, that allows you to make web pages more interactive

Using JavaScript we can create real-time networking apps, Web/mobile application, command line tools, games etc.

Fundamental steps:

Variable declaration

Data types

Arrays and objects

Functions

Conditional statement

Looping concept

Variable declaration: var keyword used for declare a variable

Var name = ‘john’ ;

Console.log(name); 🡪this is how we store a variable

Data types : there are four types number,string,Boolean,undefined

🡪number defined as any value

🡪string defined like any number or name ,special character with double code

🡪Boolean defined 2 types of data like true or false statement for true we must satisfy the condition

🡪undefined is noting without any value

We can check the type of data by

Var data = 1 ;

Console.log(typeof data); 🡪to check data type either number,string,Boolean,undefined

Arrays and objects :

Array is an collection of similar data stored in continuous memory location in index value like {1,2,3,4} here no 1 position is 0 ,2 is 1,3 is 2,4 is 3]

We can check as

Var data = [1,2,3,4,5]

Console.log(data) 🡪we get the data stored in variable ex :[1,2,3,4,5]

If we give the console.log(data[0]) we get here the index value 1

Console.log(data[1]) we get here the index value 2