**JavaScript**

**User defined functions**

**And events**

**User defined functions**

**Syntax**

**function functionName() {**

**function body;**

**}**

Event : event provide bridge between html (DOM) and JavaScript code.

JavaScript provide lot of pre defined event. All event start with pre fix on

Followed by name of the event

onClick

onDblClick

onMouseOver

onMouseOut

onKeyUp

onKeyDown

onBlur

onFocus

onChange

onSubmit

onload

etc

JavaScript was known as object based interpreter scripting language

Till ES5 JavaScript.

ES : ECMA is a concept.

JavaScript is a implementation of ES.

From ES6 onward JavaScript also known as object oriented interpreter scripting language.

Object, class,

object : object is any real world entity.

Property or state -🡪 have , name, age, weight, height. etc

Person

Behaviour -🡪do/does teaching(), sleeping(), talking() etc

Bank

Animal

Car

Employee

Customer

Login -🡪 emaild, password, typeofuser property

SignUp and SignIn

Object is a concept.

Class : class is blue print of object or template of object.

Till ES5 if we want to describe the object we are/were using function

But from ES6 onward on way day we can use class keyword.

In JavaScript we can create user defined object using 3 ways

1. Literal style ES5 style
2. Function style ES5 style
3. Class style ES6 style

DOM : document object model