**Adding JavaScript to Websites**

**DOM** is Document Object Model

//always add js script tag at end

//Inline JavaScript

**Onload in body tag:**

It means that when site load

**Method 1:**

<!DOCTYPE html>

<html lang="en" dir="ltr">

<head>

<meta charset="utf-8">

<title>My Website</title>

<link rel="stylesheet" href="css/styles.css">

</head>

<!-- Inline JS -->

<body onload="alert('Hello');"> <!-- When body is going to load create an alert and alert says Hello -->

<!-- When quotation inside quotation like above then marke inside quotation by single quotation mark -->

<h1>Hello</h1>

</body>

</html>

**Method 2:**

<!DOCTYPE html>

<html lang="en" dir="ltr">

<head>

<meta charset="utf-8">

<title>My Website</title>

<link rel="stylesheet" href="css/styles.css">

</head>

<!-- Inline JS -->

<body>

<h1>Hello</h1>

<!-- Above code is line by line and when hits Script tag then alert -->

<script type="text/javascript">

alert("Hello!");

</script>

</body>

</html>

**Method 3:**

**Index2.html:**

<!DOCTYPE html>

<html lang="en" dir="ltr">

<head>

<meta charset="utf-8">

<title>My Website</title>

<link rel="stylesheet" href="css/styles.css">

<script src="index.js" charset="utf-8" ></script>

</head>

<!-- Inline JS -->

<body>

<h1>Hello</h1>

<!-- Above code is line by line and when hits Script tag then alert -->

<script src="index.js" charset="utf-8" ></script> <!-- If I move this tag above as shown then no

h1 change because we are changing h1 of inner HTML -->

</body>

</html>

**Styles.css:**

h1{

color:red;

}

**Index.js:**

//alert("Hello!");

document.querySelector("h1").innerHTML = "Good Bye!"; //Current h1 ia Hello but I'm change it with Good Bye