

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
```