Adding JavaScript to Websites

DOM is Document Object Model

//Inline JavaScript

<u>Onload in body tag:</u>

It means that when site load

Method 1:

```html
<!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:

```html
<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>
    <meta charset="utf-8">
    <title>My Website</title>
    <link rel="stylesheet" href="css/styles.css">
```

```html
  </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:

```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:

```css
h1{
  color:red;
}
```

Index.js:

```javascript
//alert("Hello!");

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