JAVASCRIPT

<Script>

```html
<body>
  <p id="demo">This is Paragraph 1</p>

<script>
 alert("Welcome to js");
</script>

</body>
```

Onclick,Onload

```html
<body onload="alert('page loaded Successfully')">
    <button class="button" onclick="alert('button is Clicked')">
      Click Here!
    </button>
```

Function call

Index.html

```html
<body >
    <button class="button" onclick="dog()">
      Click Here!
    </button>

    <script src="script.js"></script>

</body>
```

script.js

```javascript
function dog(){
      alert("button Clicked Succesfully");
    }
```

InnerHTML Using ID

Index.html

```html
<body>
    <p class="demo" id="demo"> Text from Html </p>

    <script src="script.js"></script>

</body>
```

script.js

```javascript
document.getElementById("demo").innerHTML = "Text From js";
```

InnerHTML Using Class

index.html

```html
<body>
    <h1 class="demo1">hello world</h1>
    <h2 class="demo2">hello world</h2>
    <p class="demo3">hello world</p>

    <script src="script.js"></script>

 </body>
```

script.js

```javascript
    document.querySelector('.demo1').innerHTML="This is H1"
    document.querySelector('.demo2').innerHTML="This is H2"
    document.querySelector('.demo3').innerHTML="This is p"
```

index.html

```html
<body>
    <p class="demo" id="demo">This is a paragraph</p>

    <button onclick="dog()">Show Text</button>
    <script src="script.js">

    </script>
  </body>
```

Script.js

```javascript
function dog() {
  var text = document.getElementById("demo").innerHTML;
  alert(text);
}
```

Changing the Value of an Attribute

```html
<body>
    <img src="sad.jpg" alt="" id="image" />

    <button onclick="smile()">Smile</button>
    <button onclick="sad()">sad</button>

    <script src="script.js"></script>
  </body>
```

script.js

```javascript
// Function for changing Smile image
function smile(){
    document.getElementById("image").src = "smile.jpg";
}
//Function for changing sad image
function sad(){
    document.getElementById("image").src = "sad.jpg";
}
```

Get Value from input

Index.js

```html
<body>
    <label>Name:</label>
    <input type="text" id="namebox">
    <button onclick="dog()">Submit</button>


    <script src="script.js"></script>
</body>
```

Script.js

```javascript
function dog(){
    var name= document.getElementById("namebox").value;
    alert(name);
    console.log(name);
}
```

DOM CSS

Index.html

```html
<body>
    <p class="para" id="para">
        Lorem ipsum dolor sit amet consectetur adipisicing elit. Ab consequatur
        harum laudantium, error repellendus maxime!
    </p>

    <script src="script.js"></script>
</body>
```

Script.js

```javascript
document.getElementById('para').style.color='red';
```

DOM Animation

Index.html

```html
<body>
    <p class="para" id="para">
      Lorem ipsum dolor sit amet consectetur adipisicing elit. Ab consequatur
      harum laudantium, error repellendus maxime!
    </p>

    <button onclick="dog()">click</button>

    <script src="script.js"></script>
  </body>
```

Style.css

```css
.design{
    background-color: aqua;
    height: 100px;
    text-align: center;
    color: blue;
}
```

Script.js

```js
var para= document.getElementById('para');
function dog(){

    para.classList.toggle('design')

}
```

EventListner

Index.html

```html
<body id="body">
    <i class="bx bx-brightness-half icon" id="icon"></i>
    <script src="script.js"></script>
  </body>
```

Style.css

```css
body{
    height: 100vh;
    display: flex;
    align-items: center;
    justify-content: center;
    background-color: black;

}
.icon{
    font-size: 80px;
    color: blue;
    cursor: pointer;

}
.theme{
    background-color: white;
}
```

Script.js

```javascript
const body=document.getElementById('body');
const icon=document.getElementById('icon');

icon.addEventListener('click',()=>{
    body.classList.toggle('theme');
})
```