

The Separation of Concerns Structure vs Style vs Behavior



Hello

☐ Click Me

- [Google](#)
- Second
- Third

```
> document.querySelector("button").classList;
< ▼ DOMTokenList ['btn', value: 'btn'] ⓘ
  0: "btn"
  length: 1
  value: "btn"
  ► [[Prototype]]: DOMTokenList

> //Let's add more classes
document.querySelector("button").classList.add("invisible"); //Add invisible class
< undefined

> //Check this class in elements

< undefined
```

```

<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>...</head>
  <body>
    <h1 id="title">Hello</h1>
    <input type="checkbox">
    <button class="btn invisible" style=":active: color:red;">Click Me</button> == $0
    <!-- Add list -->
    <ul id="list">...</ul>
    <script src="index3.js" charset="utf-8"></script>
  </body>
</html>

```

```

> document.querySelector("button").classList;
< DOMTokenList ['btn', value: 'btn'] {
  0: "btn"
  length: 1
  value: "btn"
  ▶ [[Prototype]]: DOMTokenList
}

> //Let's add more classes
document.querySelector("button").classList.add("invisible"); //Add invisible class
< undefined

> //Check this class in elements
< undefined

> document.querySelector("button").classList.remove("invisible"); //Remove invisible class
< undefined

> document.querySelector("button").classList.toggle("invisible");
< true

> document.querySelector("button").classList.toggle("invisible");
< false

> document.querySelector("button").classList.toggle("invisible");
< true

> document.querySelector("button").classList.toggle("invisible");
< false

> document.querySelector("button").classList.toggle("invisible");
< true

> document.querySelector("button").classList.toggle("invisible");
< false

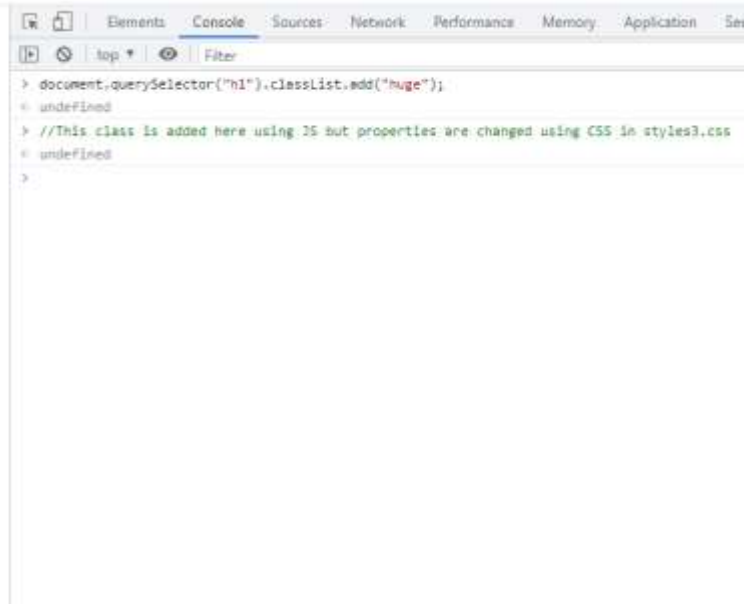
>

```

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Code:

Index3.html:

```
<!DOCTYPE html>
```

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

```
<head>
```

```
<meta charset="utf-8">
```

```
<title>My Website</title>
```

```
<link rel="stylesheet" href="css/styles3.css">
```

```
</head>
```

```
<body>
```

```
<h1 id="title">Hello</h1>
```

```
<input type="checkbox">
```

```
<button class="btn invisible" style=":active: color:red;" >Click Me</button>
```

```
<!-- Add list -->
```

```
<ul id = "list">
  <li class="item">
    <a href="http://www.google.com">Google</a>
  </li>
  <li class="item">Second</li>
  <li class="item">Third</li>
</ul>
```

```
<script src="index3.js" charset="utf-8"></script>
```

```
</body>
```

```
</html>
```

Styles3.css:

```
h1{
  //color: red;
}
.invisible{
  /* visibility: hidden; */
}
.huge{
  font-size: 10rem;
  font-weight: bold;
  color: red;
}
```