Sreeram Anil

ACE:11631

Javascript Selectors

1. getElementById: Retrieves an element based on its unique identifier (ID).

2.getElementsByTagName: Returns a collection of elements with the specified tag name.

3.getElementsByClassName: Returns a collection of elements with the specified class name.

4.getElementsByName: Returns a collection of elements with the specified name attribute.

Examples

Suppose this is the common html:

```
<html>
<p id="uniqueElement">Sentence with an ID.</p>

 <div>Sentence within a div.</div>

 <p class="myClass">Sentence within a class.</p>

 <input type="text" name="nameValue" value="Sentence with a name">

</html>
```

JavaScript:

```
<script>
var elementById =document.getElementById("uniqueElement");
console.log("getElementById:", elementById.textContent);
```

Output: Sentence with an ID.

```
var elementsByTagName = document.getElementsByTagName("div");
console.log("getElementsByTagName:", elementsByTagName[0].textContent);
```

Output: Sentence within a div.

```
var elementsByClassName = document.getElementsByClassName("myClass");
console.log("getElementsByClassName:", elementsByClassName[0].textContent);
```

Output: Sentence within a class.

```
var elementsByName = document.getElementsByName("nameValue");
console.log("getElementsByName:", elementsByName[0].value);
```

Output: Sentence with a name.

```
</script>
```