1.getElementsById

```
<!DOCTYPE html>
<html>
<body>

<h1>Js_Assignment</h1>
<p id="demo"></p>

<script>
document.getElementById("demo").innerH
TML = "Hello World";
</script>

</body>
</html>
```

Js_Assignment

Hello World

An HTML element on a page can be uniquely identified using the id(demo) attribute. It needs to be the only one in the whole HTML document.

2.getElementsClassName

```
<!DOCTYPE html>
<html>
<body>

<h1>Js_Assignment</h1>


<div class="Eg">Element1</div>
<div class="Eg">Element2</div>

<script>
const Value = document.getElementsByClassName("Eg");
Value[0].innerHTML = "Hello World!";
</script>

</body>
</html>
```

Js_Assignment

Hello World!
Element2

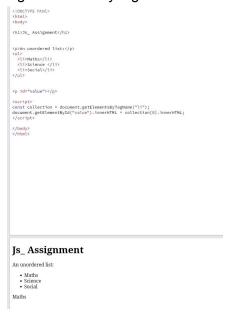An HTML element can have one or more CSS classes ('Eg') applied to it by using the class property. The same class may be shared by several items.

3.getElementsByName

```html
<!DOCTYPE html>
<html>
<body>

<h1>Js_Assignment</h1>
<p>First Name: <input name="firstname" type="text"></p>
<p>Second Name: <input name="firstname" type="text"></p>

<p id="value"></p>

<script>
let elements = document.getElementsByName("firstname");
document.getElementById("value").innerHTML = elements[0].tagName;
</script>

</body>
</html>
```

Js_Assignment

First Name: [   ]

Second Name: [   ]

INPUT

Form elements frequently use the name property (firstname) to assign a name to a particular control. It's not necessary the only one in the whole document.

4.getElementsByTagName

```html
<!DOCTYPE html>
<html>
<body>

<h1>Js_ Assignment</h1>

<p>An unordered list:</p>
<ul>
  <li>Maths</li>
  <li>Science </li>
  <li>Social</li>
</ul>

<p id="value"></p>

<script>
const collection = document.getElementsByTagName("li");
document.getElementById("value").innerHTML = collection[0].innerHTML;
</script>

</body>
</html>
```

Js_ Assignment

An unordered list:

- Maths
- Science
- Social

Maths

The HTML file contains an unordered list (ul) with list items (li).
The JavaScript file (script.js) uses getElementsByTagName to select all li elements.
It then loops through the selected elements and logs their text content to the console.
If you open your HTML file in a browser and check the console, you should see the text content of each list item printed