

## CREATE ELEMENT

i) Create Element :

Create new element of html element.

ex

```
let heading = document.createElement("h6");
```

ii) Content of Element: innerHTML, innerText, textContent.  
h6 element ku content add pannum.

ex

```
heading.innerText = "Rajavalli";
```

iii) append element:

ex ~~div~~.appendChild(heading);

append child varthu nama  
HTML creat pannat Element ku id  
kuthu atha tag variable to store  
pannum.  
variable store pannathula  
nama h6 element uppend panum.

## GET ELEMENT

There are 5 types of getElement used.

i) getElementById()

ii) getElementsbyClassName()

iii) getElementsbyTagName()

iv) querySelector()

v) querySelectorAll()

i) getElementById():

getElementById() method returns an element with a specified value. It is used to element la ullu id use panni access pannalam.

ex:

```
<h3 id=heading> Rajavalli </h3>
```

```
let head = document.getElementById("heading");  
console.log(head);
```

ii) getElementByClassName():

getElementByClassName() method returns a collection of element with a specified values. It is used to element la ullu class use panni access pannalam.



ex Create Element:

```
<!doctype HTML>
<html>
<head>
  <title>DOM RTitle>
</head>
<body>
  <div id="head"> <div>
    <script>
      let heads = document.getElementById("head");
      console.log(heads);
      let heading = document.createElement("h6");
      heading.innerText = "rajavalli";
      heads.appendChild(heading);
    </script>
  </div>
</body>
</html>
```

output

rajavalli

ex:

```
<div class="text">
  Think in javascript
</div>
```

```
let content = document.getElementById
  ByClassName
  ('text');
console.log(content);
```



iii) getElementByTagName():

The getElementByTagName() method returns a collection of child elements with a given tagname. It is used to element name access pannum.

ex

<p> Rajavalli is a frontend developer </p>

```
let para = document.getElementsByTagName("p");  
console.log(para);
```

iv) querySelector():

querySelector() method used to the first element with in the document that matches (id, class, Tagname) CSS selectors.

It is used to all ~~access the~~ (id, Tagname, class) element access pannum, but first element return. (only first element return) → difference (same name la 10 element same tag la 10 return first element return pannum).

ex

<h3> rajavalli </h3>

<h3> Nivetha </h3>

```
let head = document.querySelector("h3");  
console.log(head);
```

✖ (h3 la ulla first element matam print akum).

v) querySelectorAll():

querySelectorAll is return by node. querySelectorAll use pannal 10 element iruthalum 10 return pannum.  
querySelectorAll(id, class, Tagname)  
element return pannum.

ex:

<h3> Helloworld </h3>

<h3> Hello, Nivi sis </h3>

<h3> How are you </h3>

```
let heading = document.querySelectorAll("h3");  
console.log(heading);
```

✖ (All h3 text content print akum)