

# DOM

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## Selector

- `getElementsByTagName('h1')`
- `getElementById('fruits-title')`
- `getElementsByClassName('important-places')`

## Query Selector

- `querySelectorAll('#fruits-title')`
- `querySelector()`

## Adding CSS Class

```
const title = document.getElementById('abc')
title.classList
title.classList.add()
title.classList.remove()
```

## Adding Element

```
// 1. where to add
const placesList = document.getElementById('places-list');
// 2. what to be added
const li = document.createElement('li');
li.innerText = 'pahartoli bon';
// 3. add the child
placesList.appendChild(li);

// set innerHTML directly
const sectionDress = document.createElement('section');
sectionDress.innerHTML = `
<h1>My Dress section</h1>
<ul>
  <li>T-shirt</li>
  <li>Lungi</li>
  <li>Sando genji</li>
</ul>
`
mainContainer.appendChild(sectionDress);
```

## How to add an event

- Option 1

```
// <button onclick="makeRed()">Make Red</button>
function makeRed() {
    document.body.style.backgroundColor = 'red';
}
```

- Option 2

```
document.getElementById('make-goldenrod').addEventListener('click', function(){
    document.body.style.backgroundColor = 'goldenrod';
})
```

## Event Listener

- mouse
  1. click
  2. mouseenter
  3. mousemove
- input field
  1. focus
  2. blur
- keyboard
  1. keydown
  2. keypress
  3. keyup (important)

## Goto another page

```
window.location.href='bank.html'
```