

CHEATSHEET

JAVASCRIPT DOM MANIPULATION



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Selecting Elements

By ID:

```
document.getElementById('idName');
```

By Class:

```
document.getElementsByClassName('className');
```

By Tag:

```
document.getElementsByTagName('tagName');
```

By Selector:

** single element

```
document.querySelector('selector');
```

** multiple elements

```
document.querySelectorAll('selector');
```

Modifying Elements

Changing Text Content:

```
element.textContent = 'New text';
```

Changing HTML Content:

```
element.innerHTML = '<p>New Content</p>';
```

Changing Attribute:

```
element.setAttribute('attributeName', 'newValue');
```

Changing Styles:

```
element.style.property = 'value';
```



** There will be a CSS property with camel-case

Creating and Appending Elements

Creating Elements:

```
document.createElement('tagName');
```

Appending Elements:

```
parentElement.appendChild(newElement);
```

Event Handling

Adding Event Listener:

```
element.addEventListener('eventName', eventHandler);
```

Event Handler:

```
function eventHandler(event) {  
  // Handle the event  
}
```

Removing Event Listener:

```
element.removeEventListener('eventName', eventHandler);
```

Traversing the DOM

Accessing Parent Element:

```
const parentElement = element.parentNode;
```

Accessing Child Elements:

```
const childElements = parentElement.children;
```

Accessing Sibling Elements:

```
const nextSibling = element.nextSibling;
```

```
const previousSibling = element.previousSibling;
```

Modifying Classes

Adding Classes:

```
element.classList.add('className');
```

Removing Classes:

```
element.classList.remove('className');
```

Toggling Classes:

```
element.classList.toggle('className');
```

Manipulating Attributes

Getting Attribute Value:

```
element.getAttribute('attributeName');
```

Removing Attribute:

```
element.removeAttribute('attributeName');
```

Advanced DOM Manipulation

Creating & Cloning Nodes

Creating Text Nodes:

```
document.createTextNode('Some text');
```

Cloning Nodes:

```
originalNode.cloneNode(true);
```

Working with Forms

Accessing Form Elements:

```
formElement.elements['inputName'];
```

Preventing Form Submission:

```
formElement.addEventListener('submit',  
function(event) {  
    event.preventDefault();  
    // Handle form submission  
});
```

Manipulating Classes

Checking for Class Existence:

```
if(element.classList.contains('className')) {  
    // Class exists  
}
```

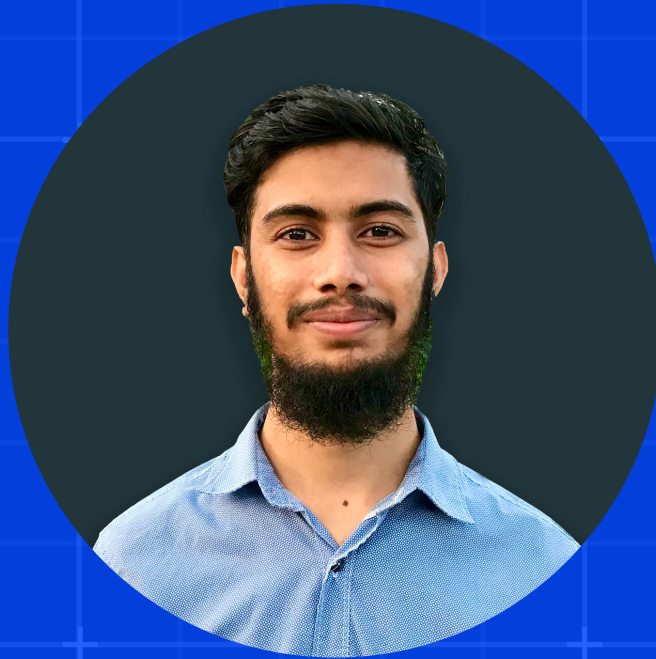
Replacing Classes:

```
element.classList.replace('oldClass', 'newClass');
```

Scroll

Getting Scroll Position:

```
window.pageYOffset;
```



CONNECT WITH ME



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