

JAVASCRIPT

DOM

CHEATSHEET



Code with Kabir
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TRAVERSING THE DOM



```
1 // Traversing the DOM
2 element.parentNode;
3 element.childNodes; // NodeList
4 element.firstChild; // first child node
5 element.lastChild;  // last child node
6 element.previousSibling;
7 element.nextSibling;
```

MODIFYING ELEMENTS



```
1 // Modifying Elements
2 element.innerHTML;
3 element.textContent;
4 element.setAttribute("attributeName", "value");
5 element.getAttribute("attributeName");
6 element.classList.add("className");
7 element.classList.remove("className");
8 element.classList.toggle("className");
9 element.style.property = "value";
```

CREATING & APPENDING ELEMENTS



```
1 // Creating and Appending Elements
2 document.createElement("tagName");
3 document.createTextNode("text content");
4 parentElement.appendChild(childElement);
5 parentElement.insertBefore(newElement,
6 referenceElement);
7 parentElement.removeChild(childElement);
```

EVENT HANDLING



```
1 // Event Handling
2 element.addEventListener("event",function);
3 element.removeEventListener("event",function)
```

MODIFYING CLASSES



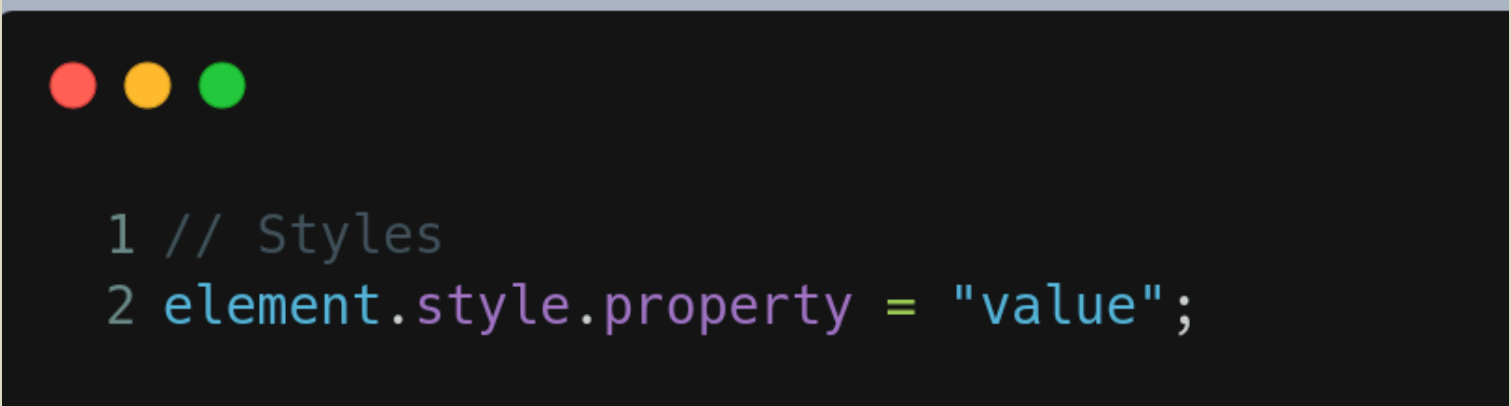
```
1 // Modifying Classes
2 element.classList.add("className");
3 element.classList.remove("className");
4 element.classList.toggle("className");
```

MANIPULATING ATTRIBUTES




```
1 // Manipulating Attributes
2 element.setAttribute("attributeName", "value");
3 element.getAttribute("attributeName");
4 element.removeAttribute("attributeName");
```

STYLES




```
1 // Styles
2 element.style.property = "value";
```

MODIFYING CONTENT



```
1 // Modifying Content
2 element.innerHTML = "New Content";
3 element.textContent = "New Text Content";
```

WINDOW METHODS



```
1 // Window Methods
2 window.alert("Message");
3 window.prompt("prompt Message" ,"default value");
4 window.confirm("Confirm Message");
```

QUERYING ELEMENTS



```
1  //Syntax
2  // query by id
3  const element = document.querySelector('#elementId');
4
5  // query group of elements by id
6  //(which ignores the purpose of having a special id)
7  const elements.querySelectorAll('#element Id');
8
9  // query element by class name
10 const element = document.querySelector('.className');
11
12 // query group of elements by class name
13 const elements = document.querySelectorAll('.className');
```