Day-1 week-1

s

document.getElementById-it is used to select html using id tag

What happens?

• The function changeText() gets the element by its id and updates its text when the button is clicked.

addEventListener -It performs and event

What happens?

• When the button is clicked, an alert pops up.

createElement -It create a new html element dynamically

What happens?

• Clicking the button adds a new inside the <div>.

appendChild---It adds a new element inside another element

What happens?

• Clicking the button adds a new list item to the .

```
getElementsByTagName - Selects elements by tag name (like
, <div>)
                                                           ☐ Copy 🍪 Edit
 let paragraphs = document.getElementsByTagName("p");
 paragraphs[0].style.fontSize = "20px";
Returns a collection of all  elements.
   querySelector - Selects the first matching element
  let firstItem = document.querySelector(".list-item");
  firstItem.style.backgroundColor = "yellow";
Works like CSS selectors (.class, #id, tag).
```

parentElement (Get Parent Element)

Finds the direct parent of an element.

Example

- removeChild (Remove an Element)
- P Deletes a child element from its parent.

★ The first <1i> is removed from the list.

Example

replaceChild (Replace an Element)

P Replaces an existing child element with a new one.

Example

```
10 setAttribute & getAttribute
(Change/Get Attributes)
Changes or gets an element's attribute (like href, src, id).
Example
                                              ☐ Copy 🍪 Edit
 html
  <a id="myLink" href="https://example.com">Click me</a>
  <script>
   let link = document.getElementById("myLink");
   // Change the link
   link.setAttribute("href", "https://google.com");
   // Get the current link
   console.log(link.getAttribute("href")); // Output: "https://
  </script>
```

setAttribute changes the URL, and getAttribute fetches it.

Summary

Method	What It Does	Example
parentElement	Get the parent of an element	child.parentElement
children	Get all child elements inside a parent	list.children[0]
removeChild	Remove a child element	list.removeChild(item)
replaceChild	Replace an element with a new one	<pre>list.replaceChild(newItem, oldItem)</pre>
setAttribute / getAttribute	Change/get an attribute (like href, src)	<pre>link.setAttribute("href", "https://google.com")</pre>