**Week 6: DOM Manipulation in JavaScript**

1. **What does DOM stand for?**
   * Document Object Model.
2. **How do you select an element by ID?**
   * document.getElementById("id").
3. **What does querySelector do?**
   * Selects the first element that matches a specified CSS selector.
4. **How do you change the text content of an element?**
   * element.textContent = "new text";
5. **What is an event listener?**
   * A function that runs in response to an event.
6. **How do you add an event listener to a button?**
   * button.addEventListener("click", function() { });
7. **What is the purpose of the innerHTML property?**
   * To get or set the HTML content of an element.
8. **How can you create a new element in the DOM?**
   * document.createElement("tagName").
9. **What does removeChild do?**
   * Removes a specified child node from the DOM.
10. **How do you prevent the default action of a form submission?**
    * Using event.preventDefault().