

## Type the code

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Highlight Paragraph</title>
  <!-- Bootstrap CSS -->
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css"
rel="stylesheet">
  <style>
    .highlight {
      background-color: rgb(255, 255, 0); /* exact yellow for test match */
    }
  </style>
</head>
<body class="p-4">

  <p id="textPara">This is a sample paragraph. Click the button below to highlight or remove
the highlight.</p>
  <button id="highlightBtn" class="btn btn-primary">Highlight</button>

  <script>
    document.addEventListener("DOMContentLoaded", function () {
      const paragraph = document.getElementById("textPara");
      const button = document.getElementById("highlightBtn");

      // Toggle background color on click
      button.addEventListener("click", function () {
        paragraph.classList.toggle("highlight");
      });
    });
  </script>
</body>
</html>
```

## Practice at home-1

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
```

```
<title>Layered Image Display</title>
<link
  href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css"
  rel="stylesheet"
/>
<style>
  .image-container {
    position: relative;
    width: 300px;
    height: 200px;
    margin-bottom: 20px;
  }

  .layered-img {
    position: absolute;
    width: 100%;
    height: 100%;
    object-fit: cover;
  }
</style>
</head>
<body class="p-4">

  <div class="image-container">
    
    
    
  </div>

  <div class="btn-group">
    <button id="btn1" class="btn btn-primary">Image 1</button>
    <button id="btn2" class="btn btn-success">Image 2</button>
    <button id="btn3" class="btn btn-danger">Image 3</button>
  </div>

  <script>
document.addEventListener("DOMContentLoaded", () => {
  const buttons = ["btn1", "btn2", "btn3"];
  const images = ["img1", "img2", "img3"];

  document.getElementById("img1").style.zIndex = "1";
  document.getElementById("img2").style.zIndex = "2";
  document.getElementById("img3").style.zIndex = "3";
});
</script>
```

```

buttons.forEach((btnId, index) => {
  document.getElementById(btnId).addEventListener("click", () => {
    images.forEach((imgId, imgIndex) => {
      document.getElementById(imgId).style.zIndex =
        imgIndex === index ? "10" : "1";
    });
  });
});
});
</script>

```

```

</body>
</html>

```

## Practice at home -2

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
  <title>Font Style Toggles</title>
  <link
    href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css"
    rel="stylesheet"
  />
  <style>
    #editor {
      width: 100%;
      height: 200px;
      font-size: 12px;
      color: black;
      font-weight: normal;
      font-style: normal;
    }
  </style>
</head>
<body class="p-4">

  <div class="mb-3 d-flex align-items-center gap-2">
    <select id="fontSizeSelect" class="form-select w-auto">
      <option value="12px">12px</option>

```

```
<option value="14px">14px</option>
<option value="16px">16px</option>
<option value="18px">18px</option>
<option value="20px">20px</option>
</select>
```

```
<select id="fontColorSelect" class="form-select w-auto">
  <option value="black">Black</option>
  <option value="red">Red</option>
  <option value="blue">Blue</option>
  <option value="green">Green</option>
</select>
```

```
<div class="btn-group">
  <button id="boldBtn" class="btn btn-outline-dark">Bold</button>
  <button id="italicBtn" class="btn btn-outline-dark">Italic</button>
  <button id="resetBtn" class="btn btn-outline-secondary">Reset</button>
</div>
</div>
```

```
<textarea id="editor" class="form-control"></textarea>
```

```
<script>
document.addEventListener("DOMContentLoaded", () => {
  const fontSizeSelect = document.getElementById("fontSizeSelect");
  const fontColorSelect = document.getElementById("fontColorSelect");
  const boldBtn = document.getElementById("boldBtn");
  const italicBtn = document.getElementById("italicBtn");
  const resetBtn = document.getElementById("resetBtn");
  const editor = document.getElementById("editor");

  // Set default values
  fontSizeSelect.value = "12px";
  fontColorSelect.value = "black";

  // Change font size
  fontSizeSelect.addEventListener("change", () => {
    editor.style.fontSize = fontSizeSelect.value;
  });

  // Change font color
  fontColorSelect.addEventListener("change", () => {
    editor.style.color = fontColorSelect.value;
  });
});
</script>
```

```
// Toggle bold
boldBtn.addEventListener("click", () => {
  boldBtn.classList.toggle("active");
  editor.style.fontWeight = boldBtn.classList.contains("active") ? "bold" : "normal";
});

// Toggle italic
italicBtn.addEventListener("click", () => {
  italicBtn.classList.toggle("active");
  editor.style.fontStyle = italicBtn.classList.contains("active") ? "italic" : "normal";
});

// Reset styles
resetBtn.addEventListener("click", () => {
  fontSizeSelect.value = "12px";
  fontColorSelect.value = "black";
  boldBtn.classList.remove("active");
  italicBtn.classList.remove("active");
  editor.style.fontSize = "12px";
  editor.style.color = "black";
  editor.style.fontWeight = "normal";
  editor.style.fontStyle = "normal";
});
});
</script>

</body>
</html>
```