

Question 1: When creating elements dynamically in JavaScript using `document.createElement`, which method is commonly used to add these newly created elements to the DOM?

Ans: `appendChild`

Question 2: `<ul id="listContainer">`

`<!-- List items will be dynamically added here -->`

``

Write JavaScript code to dynamically create and append three `` elements inside the `` element with the ID "listContainer". Each `` element should contain a different text content: "Item 1", "Item 2", and "Item 3".

Ans:

```
const listContainer = document.querySelector('#listContainer')
```

```
const li1 = document.createElement('li')
```

```
li1.textContent = "Item 1"
```

```
const li2 = document.createElement('li')
```

```
li2.textContent = "Item 2"
```

```
const li3 = document.createElement('li')
```

```
li3.textContent = "Item 3"
```

```
listContainer.append(li1, li2, li3)
```

Question 3: You have a `<div>` element with the ID "container" in your HTML file. Write JavaScript code to create an `` element dynamically, set its `src` attribute to "image.jpg", its `alt` attribute to "Sample Image", and append it to the `<div>` element with the ID "container".

Ans: `<!DOCTYPE html>`

```
<html lang="en">
```

```
<head>
```

```
  <meta charset="UTF-8">
```

```
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
  <title>Dynamic Image Example</title>
```

```
</head>
```

```
<body>
```

```
  <!-- Div where image will be appended -->
```

```
  <div id="container"></div>
```

```
<script>
  // Get the div element by ID
  const container = document.getElementById("container");

  // Create an img element
  const img = document.createElement("img");

  // Set attributes for the img element
  img.src = "image.jpg";
  img.alt = "Sample Image";
  img.width = 300; // Optional: set width for better view

  // Append the img element to the container div
  container.appendChild(img);
</script>

</body>
</html>
```