

Task 1

HMTL:

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

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

  <title>Simple Webpage</title>

  <link rel="stylesheet" href="style.css">

</head>

<body>

  <h1>Welcome to My Simple Webpage</h1>

  <h2>Learning HTML, CSS, and JavaScript</h2>

  <p>This is a simple example of a webpage that uses HTML for structure, CSS for styling, and JavaScript for interaction.</p>

  

  <p>Visit <a href="https://www.google.com" target="_blank">Google</a> for more information.</p>

  <button id="alertBtn">Click Me!</button>

  <script src="script.js"></script>

</body>

</html>
```

CSS :

```
body {  
    font-family: Arial, sans-serif;  
    margin: 20px;  
    background-color: #f4f4f4;  
    color: #333;  
    text-align: center;  
}
```

```
h1 {  
    color: #2c3e50;  
}
```

```
h2 {  
    color: #34495e;  
}
```

```
p {  
    font-size: 16px;  
    line-height: 1.6;  
}
```

```
img {  
    margin-top: 20px;  
    border-radius: 10px;  
    border: 2px solid #555;  
    width: 300px;  
    height: auto;  
}
```

```
button {  
    margin-top: 20px;  
    padding: 10px 20px;  
    background-color: #3498db;  
    color: white;  
    border: none;  
    border-radius: 5px;  
    cursor: pointer;  
    font-size: 16px;  
}
```

```
button:hover {  
    background-color: #2980b9;  
}
```

```
/* Bounce Animation */  
.bounce {  
    animation: bounceEffect 0.5s;  
}
```

```
@keyframes bounceEffect {  
    0% { transform: scale(1); }  
    30% { transform: scale(1.2); }  
    50% { transform: scale(0.9); }  
    70% { transform: scale(1.1); }  
    100% { transform: scale(1); }  
}
```

SCRIPT:

```
const button = document.getElementById("alertBtn");
```

```
button.addEventListener("click", function() {
```

```
    // Add bounce class
```

```
    button.classList.add("bounce");
```

```
    // Show alert
```

```
    alert("Hello! You clicked the button 🎉");
```

```
    // Remove bounce class after animation ends
```

```
    setTimeout(() => {
```

```
        button.classList.remove("bounce");
```

```
    }, 500);
```

```
});
```

OUT PUT:

