

```
<!DOCTYPE html>

<head>
    <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
    <title>jQuery Example | vtucode</title>
    <style>
        body {
            font-family: 'Roboto', sans-serif;
            background-color: #f4f7f6;
            margin: 0;
            padding: 0;
            display: flex;
            justify-content: center;
            align-items: center;
            height: 100vh;
        }

        .container {
            text-align: center;
            background: #fff;
            padding: 30px;
            border-radius: 12px;
            box-shadow: 0 4px 20px rgba(0, 0, 0, 0.1);
            transition: transform 0.3s ease-in-out;
        }

        .container:hover {
            transform: scale(1.02);
        }

        #paragraph {

```

```
    margin-bottom: 20px;  
    color: #333;  
    font-size: 18px;  
    line-height: 1.5;  
}
```

```
#list {  
    margin-bottom: 20px;  
    list-style: none;  
    padding: 0;  
}
```

```
#list li {  
    background: #e8f0fe;  
    margin: 5px 0;  
    padding: 10px;  
    border-radius: 8px;  
    transition: background 0.3s;  
}
```

```
#list li:hover {  
    background: #d0e2fe;  
}
```

```
.box {  
    padding: 0 10px;  
    width: 100px;  
    height: 100px;  
    background-color: #007bff;  
    margin: 20px auto;  
    line-height: 100px;
```

```
    color: white;  
    text-align: center;  
    border-radius: 8px;  
    transition: all 0.3s ease;  
}  
  
  
button {  
    padding: 12px 24px;  
    margin: 10px;  
    cursor: pointer;  
    border: none;  
    border-radius: 6px;  
    font-size: 16px;  
    background: #007bff;  
    color: white;  
    transition: box-shadow 0.3s, transform 0.2s;  
    box-shadow: 0 4px 10px rgba(0, 0, 0, 0.1);  
}  
  
  
button:hover {  
    box-shadow: 0 0 0 2px #fff, 0 0 0 4px #007bff;  
}  
  
  
button:focus {  
    box-shadow: 0 0 0 2px #fff, 0 0 0 4px #007bff;  
}  
  
  
button:active {  
    background: #004494;  
    transform: translateY(0);  
}
```

```
</style>

</head>

<body>
  <div class="container">
    <p id="paragraph">This is an existing paragraph.</p>
    <ul id="list">
      <li>List item 1</li>
      <li>List item 2</li>
    </ul>
    <div class="box" id="box">Animate me!</div>
    <button id="appendButton">Append Content</button>
    <button id="animateButton">Animate Box</button>
  </div>

  <script>
    $(document).ready(function () {
      $("#appendButton").click(function () {
        $("#paragraph").append(" Appended text.");
        $("#list").append("<li>New appended list item</li>");
      });
      $("#animateButton").click(function () {
        $("#box").stop(true, true).css({
          width: "100px",
          height: "100px",
          opacity: 1,
          backgroundColor: "blue"
        }).animate({

```

```
width: "200px",
height: "200px",
opacity: 0.5
}, 1000, function () {
$(this).css("background-color", "green");
});
});
});

</script>
</body>

</html>
```