```
<!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">
This is an existing paragraph.
List item 1
List item 2
<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("New appended list item");
$("#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>
```