

**textfile.txt**

hi this is example text...

**data.json**

```
{"name": "John Doe", "age": 30, "city": "New York", "skills": ["JavaScript", "React", "Node.js"], "address": {"street": "123 Elm Street", "zipcode": "10001"}, "projects": [{"name": "Website Redesign", "year": 2023, "technologies": ["HTML", "CSS", "JavaScript"]}, {"name": "Mobile App", "year": 2024, "technologies": ["React Native", "Expo"]}]}
```

**PROGRAM:**

```
<!DOCTYPE html>
```

```
<head>
```

```
    <title>AJAX Examples | vtucode</title>
```

```
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
```

```
    <style>
```

```
        body {
```

```
            font-family: Arial, sans-serif;
```

```
            margin: 0;
```

```
            padding: 0;
```

```
            background-color: #f4f4f9;
```

```
        }
```

```
    h1 {
```

```
        text-align: center;
```

```
        color: #333;
```

```
        padding: 20px 0;
```

```
    }
```

```
#content {
```

```
    flex-direction: column;
```

```
    display: flex;
```

```
max-width: 600px;  
margin: 20px auto;  
padding: 20px;  
border: 1px solid #ddd;  
border-radius: 8px;  
background-color: #fff;  
box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);  
}
```

```
button {  
display: inline-block;  
padding: 10px 15px;  
margin: 12px;  
border: none;  
border-radius: 5px;  
background-color: #007bff;  
color: #fff;  
font-size: 16px;  
cursor: pointer;  
transition: box-shadow 0.3s;  
}
```

```
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;  
}
```

```
#output {  
    display: none;  
    margin-top: 20px;  
    padding: 10px;  
    border-radius: 5px;  
    white-space: pre-wrap;  
    max-height: 300px;  
    overflow-y: auto;  
}  
  
#output/plain-ajax {  
    background-color: #f0f8ff;  
    border: 1px solid #b0c4de;  
}  
  
#output/jquery-ajax {  
    background-color: #f5ffa;  
    border: 1px solid #98fb98;  
}  
  
#output/jquery-json {  
    background-color: #ffffaf0;  
    border: 1px solid #ffd700;  
}  
  
#output/parse-json {  
    background-color: #fff0f5;  
    border: 1px solid #ff69b4;  
}  
  
```

</style>

</head>

```
<body>

    <h1>AJAX Examples</h1>

    <div id="content">

        <button id="plain-ajax-btn">Load Text (Plain AJAX)</button>
        <button id="jquery-ajax-btn">Load Text (jQuery AJAX)</button>
        <button id="jquery-json-btn">Load JSON (jQuery getJSON)</button>
        <button id="parse-json-btn">Load and Parse JSON (jQuery get)</button>
        <div id="output"></div>
    </div>

<script>

    function showOutput(className) {
        const output = document.getElementById('output');
        output.className = className;
        output.style.display = 'block';
    }

    document.getElementById('plain-ajax-btn').addEventListener('click', function () {
        var xhr = new XMLHttpRequest();
        xhr.open('GET', 'textfile.txt', true);
        xhr.onload = function () {
            if (xhr.status === 200) {
                document.getElementById('output').innerText = xhr.responseText;
            } else {
                document.getElementById('output').innerText = 'Error loading file.';
            }
            showOutput('plain-ajax');
        };
        xhr.send();
    });
}
```

```
});

$('#jquery-ajax-btn').on('click', function () {
    $.ajax({
        url: 'textfile.txt',
        method: 'GET',
        success: function (data) {
            $('#output').text(data);
        },
        error: function () {
            $('#output').text('Error loading file.');
        }
    }).always(function () {
        showOutput('jquery-ajax');
    });
});

$('#jquery-json-btn').on('click', function () {
    $.getJSON('data.json')
        .done(function (data) {
            $('#output').text(JSON.stringify(data, null, 2));
        })
        .fail(function () {
            $('#output').text('Error loading JSON file.');
        })
    .always(function () {
        showOutput('jquery-json');
    });
});
```

```
$('#parse-json-btn').on('click', function () {
    $.get('data.json')
        .done(function (data) {
            try {
                let jsonData;

                if (typeof data === 'string') {
                    jsonData = JSON.parse(data);
                } else {
                    jsonData = data;
                }
                $('#output').text(JSON.stringify(jsonData, null, 2));
            } catch (e) {
                $('#output').text('Error parsing JSON: ' + e.message);
            }
        })
        .fail(function () {
            $('#output').text('Error loading JSON file.');
        })
        .always(function () {
            showOutput('parse-json');
        });
    });
</script>
</body>

</html>
```