

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 2px #fff, 0 0 4px #007bff;
}
```

```
button:focus {
  box-shadow: 0 0 2px #fff, 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: #f5fffa;  
    border: 1px solid #98fb98;  
}  
  
#output.jquery-json {  
    background-color: #ffffa0;  
    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>
```