

JAVA SCRIPT+JSON

1. Using the fetch() API

The fetch() API retrieves JSON files asynchronously and parses them into JavaScript objects.

Syntax

```
fetch('sample.json')
  .then(response => response.json()) // Parse JSON
  .then(data => console.log(data)) // Work with JSON data
  .catch(error => console.error('Error fetching JSON:', error));
```

Create a sample.json file with the desired data.

Use fetch("sample.json"), then parse the response with .json().

Handle the data or display it, using .catch() for errors.

```
<html>
<head></head>
<body>
  <script>
    function fetchJSONData() {
      fetch('./sample.json')
        .then(response => {
          if (!response.ok) {
            throw new Error(`HTTP error! Status: ${response.status}`);
          }
          return response.json();
        })
        .then(data => console.log(data))
        .catch(error => console.error('Failed to fetch data:', error));
    }
    fetchJSONData();
  </script>
</body>
</html>
```

```
//sample.json
{
  "users": [
    {
      "site": "GeeksForGeeks",
      "user": "Shobhit"
    }
  ]
}
```

