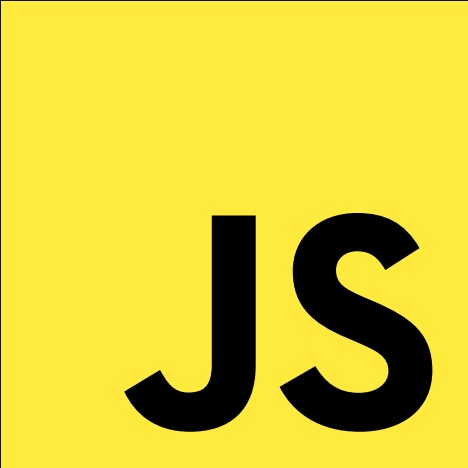


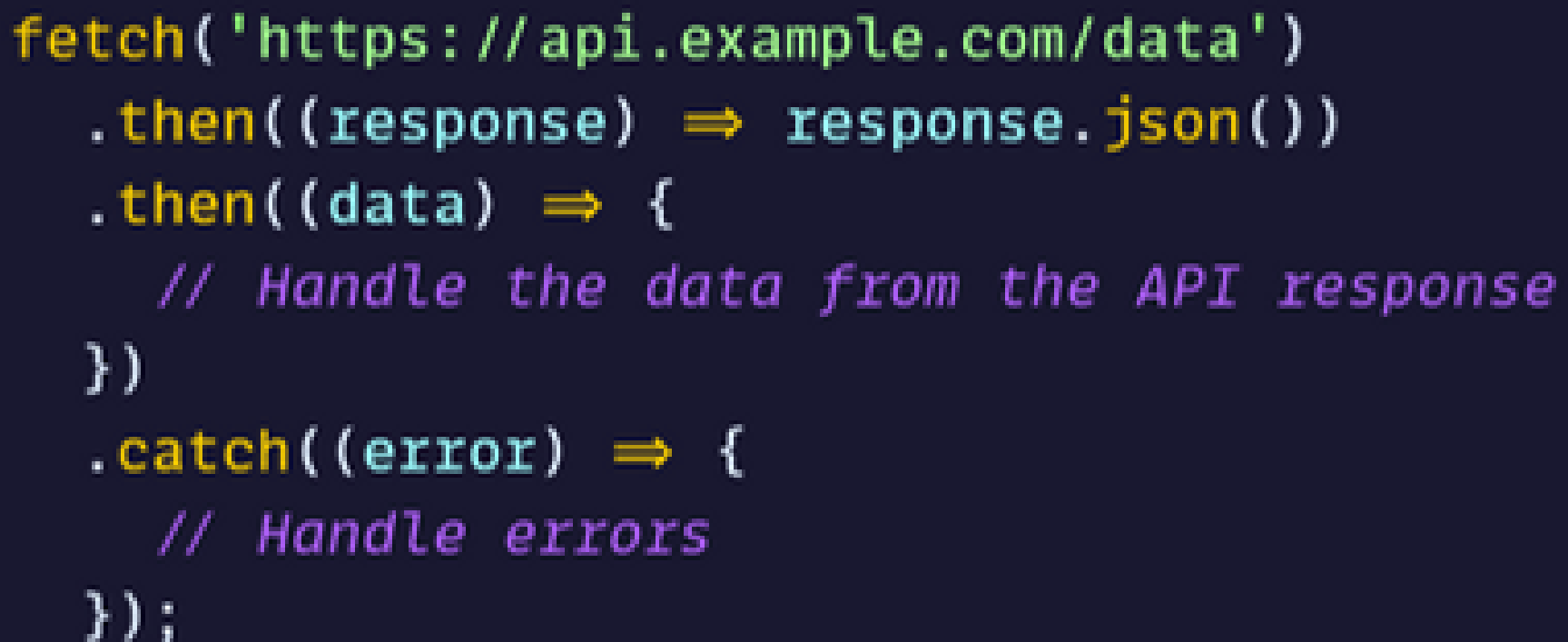
Ways to make An **API call** in Javascript



JS

Using Fetch API (Modern Approach)

The Fetch API is a native JavaScript API that allows you to make network requests. It provides a simple and concise syntax for fetching resources across the web.



```
fetch('https://api.example.com/data')  
  .then((response) => response.json())  
  .then((data) => {  
    // Handle the data from the API response  
  })  
  .catch((error) => {  
    // Handle errors  
  });
```



Using XMLHttpRequest (Old Approach)

XMLHttpRequest is an older but still supported method for making API requests in JavaScript. It is useful for scenarios where newer APIs might not be available.

```
const xhr = new XMLHttpRequest();
xhr.open('GET', 'https://api.example.com/data', true);
xhr.onreadystatechange = function () {
  if (xhr.readyState === 4 && xhr.status === 200) {
    const data = JSON.parse(xhr.responseText);
    // Handle the data from the API response
  } else {
    // Handle errors
  }
};
xhr.send();
```



Using Axios (Third-Party Library)

Axios is a popular third-party library for making HTTP requests in JavaScript. It is widely used due to its simplicity, features, and wide browser compatibility.

```
<script src="https://cdn.jsdelivr.net/npm/axios/dist/axios.min.js"></script>
```

```
axios
  .get('https://api.example.com/data')
  .then((response) => {
    const data = response.data;
    // Handle the data from the API response
  })
  .catch((error) => {
    // Handle errors
  });
```



Using jQuery AJAX (jQuery Library)

jQuery's ajax method is part of the jQuery library, offering a straightforward and simplified API for handling asynchronous HTTP requests.



```
$.ajax({  
  url: 'https://api.example.com/data',  
  type: 'GET',  
  dataType: 'json',  
  success: function (data) {  
    // Handle the successful response here  
    console.log(data);  
  },  
  error: function (error) {  
    // Handle errors here  
    console.log('Error:', error);  
  },  
});
```



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