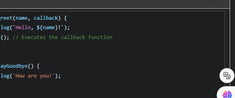
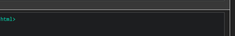
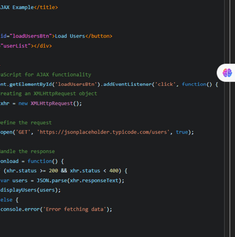
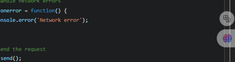
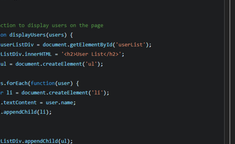
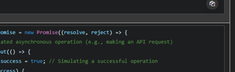
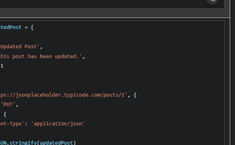
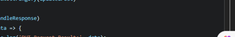
Cheatsheet: JavaScript Async

JavaScript Promises, Callback, Fetch and Axios Terminologies	Description	Code Example
JSON	It is a text-based format used for structuring data in a way that is both human-readable and machine-readable.	
Callback	A callback in JavaScript is a function passed as an argument to another function, which is then executed at a later time or under certain conditions.	
XMLHttpRequest Object	It is used to create an instance of the XMLHttpRequest object to initiate an HTTP request.	
XMLHttpRequest Open Methods	The open() method sets up the request, specifying the HTTP method (GET, POST, and so on) and the URL.	
send() Method	The send() method is invoked to send the request to the specified URL.	
Load Data Using XMLHttpRequest	This code describes that data can be loaded using Ajax methods.	
Promise Syntax	Promises are used for tasks like fetching data from a server, reading files, or performing other operations that may take some time to complete.	
Promise with .then and .catch	Promises are used for tasks like fetching data from a server, reading files, or performing using `.then()` method and caught error using `.catch()` method.	
Fetch API Syntax	It is used for fetching resources from the web, such as data from a server or an API.	
Fetch API Get Methods	The GET method is used to retrieve data from the specified resource.	
Fetch API POST Method	The POST method is used to submit data to be processed to a specified resource.	
Fetch API PUT Method	The PUT method is used to update or replace data at the specified resource. It is typically used to update existing records on the server.	
Fetch API PATCH Method	The PATCH method is used to apply partial modifications to a resource. It is typically used to update parts of a resource while leaving the rest of the resource unchanged.	
Fetch API DELETE Method	The DELETE method is used to request the removal of a resource from the server. It is used to delete records or resources.	
Axios Library Syntax	It provides a consistent way for making asynchronous HTTP requests to interact with RESTful APIs or other web services.	
install axios	You can install axios using npm in the terminal after installing node.	
Axios Methods	Axios have HTTP method for the request such as 'GET', 'POST', 'PUT', 'DELETE'.