

AJAX



AJAX is a developer's dream, because you can:

- Update a web page without reloading the page
- Request data from a server - after the page has loaded
- Receive data from a server - after the page has loaded
- Send data to a server - in the background

AJAX PACKAGES

- The XMLHttpRequest object build in with javascript
- Fetch API supported by modern browser's
- Axios package
- JQuery Ajax
- Superagent

AJAX FETCH API GET REQUEST

index.html

```
8   <button onclick="FetchGetData()">Fetch Get Data</button>
9
10  <script>
11      function FetchGetData() {
12
13          var url="https://crud.teamrabbil.com/api/v1/ReadProduct"
14          var requestOptions = {method: 'GET'};
15
16          fetch(url, requestOptions)
17              .then(response => response.json())
18              .then(result => console.log(result))
19              .catch(error => console.log('error', error));
20
21      }
22  </script>
```

AJAX FETCH API POST REQUEST

index.html

```
8  <button onclick="FetchPostData()">Fetch Post Data</button>
9
10 <script>
11     function FetchPostData() {
12
13         var url="https://crud.teamrabbil.com/api/v1/CreateProduct"
14
15         var data={ Img:"A",ProductCode:"B",ProductName:"C",Qty:"D",TotalPrice:"E",UnitPrice:"F"}
16         var requestOptions = {
17             method: 'POST',
18             headers: {'Accept': 'application/json','Content-Type': 'application/json'},
19             body: JSON.stringify(data)
20         };
21
22         fetch(url, requestOptions)
23         .then(response => response.json())
24         .then(result => console.log(result))
25         .catch(error => console.log('error', error));
26     }
27 </script>
```