

MOST COMMONLY USED **REACT** CODE SNIPPET

# **FETCH DATA** **FROM API IN** **REACT**

# STEP 1

## STORE URL IN A VARIABLE



```
1 const URL = 'https://jsonplaceholder.typicode.com/users/';
```

## CREATE A STATE TO STORE USERS



```
1 // As we'll be fetching an array of users(objects)  
2 const [users, setUsers] = React.useState([]);
```

# STEP 2

## CREATE A FUNCTION TO FETCH THE DATA



```
1  const fetchUsersData = async () => {  
2      try {  
3          const response = await fetch(URL);  
4          const data = await response.json();  
5          setUsers(data);  
6      } catch (error) {  
7          console.log({ error });  
8      }  
9  };
```

# STEP 3

HANDLE SIDE EFFECT USING USEEFFECT HOOK AND CALL THE FUNCTION



```
1 React.useEffect(() => {  
2   fetchUserData(); // fetch data on mount  
3 }, []);
```

# STEP 4

## DISPLAY DATA USING MAP ARRAY METHOD

```
1  return (  
2    <div>  
3      {users &&  
4        users.map((user) => {  
5          return (  
6              
7            <h2>Name: {user.name}</h2>  
8            <p>Email: {user.email}</p>  
9            </>  
10         });  
11       })}  
12    </div>  
13  );
```



**DID YOU FIND THIS POST  
HELPFUL?**