

## Chapter 06 - Exploring the world

- What is a Microservice?
- What is Monolith architecture?
- What is the difference between Monolith and Microservice?
- Why do we need a useEffect Hook?
- What is Optional Chaining?
- What is Shimmer UI?
- What is the difference between JS expression and JS statement
- What is Conditional Rendering, explain with a code example
- What is CORS?
- What is async and await?
- What is the use of ``const json = await data.json();`` in `getRestaurants()`

### Coding Assignment :

- Play with the useEffect Hook to see when it is called?(before or after render)
- Play with dependency array in useEffect Hook
- Play with the developer console by putting a debugger in render and useEffect
- Call an actual API to get data
- Handle Error in your API call
- Build Shimmer UI when data is not loaded
- Render your UI with actual API data
- Make Search functionality work
- Make a Login Logout button which toggles with a state