

Class 7: Assignment

▼ What are the various ways to add images to our App? Explain with code examples.

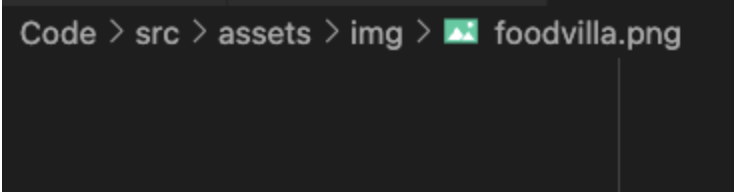
▼ One way is to directly add the URL of the required image in the `src` of `img` tag.


```

```

▼ Another way is to add the image as a component.

- Create an `assets` folder in the `src` folder.
- Create a new folder `img` in the assets folder.
- Add your image here:



Code > src > assets > img >  foodvilla.png

```
//import the image from the folder
import Logo from "../assets/img/foodvilla.png";

//use it in the component
<img className="logo" alt="logo" src={Logo} />
```

▼ What would happen if we do `console.log(useState())` ?

- It returns an array `[undefined, function]` where the first element is state and the second element is `setState`.
- The state is `undefined`.

- setState is `bound dispatchSetState`

▼ How will `useEffect` behave if we don't add a dependency array?

```
useEffect(() => {  
  getRestaurantsInfo();  
});
```

- Then the useEffect is not dependent on anything
- useEffect's default behaviour is to be called after render.
- So, useEffect will be called after each render.

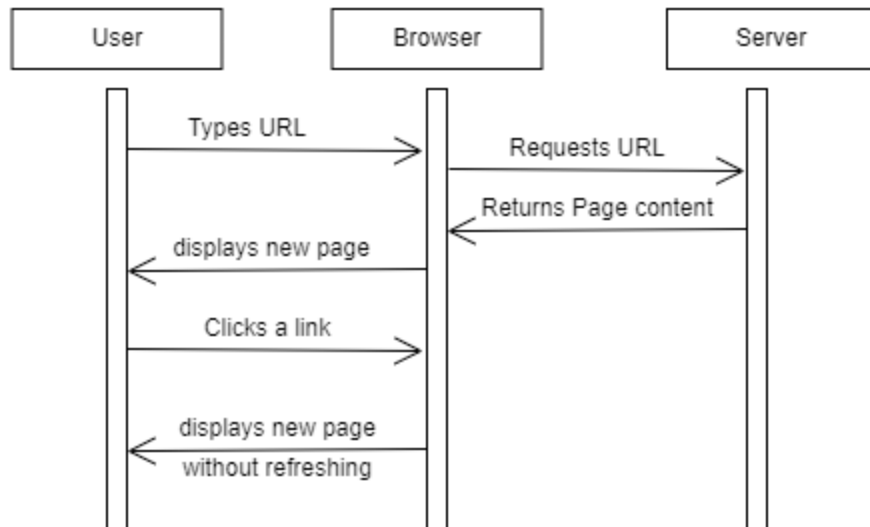
▼ What is SPA?

- SPA is a **Single Page Application**
- It is a web application that dynamically updates the webpage with data from the web server without reloading/refreshing the entire page. The HTML, CSS, and JS are retrieved in the initial load and other data/resources can be loaded dynamically whenever required.
- It does not make a network call when we are changing pages. Ex from home to about it does not do a network call and load the about data.

▼ Difference between Client Side Routing and Server side Routing?

▼ **Client-side routing:**

- It involves JavaScript handling the routing process internally.
- In client-side routing, a request to the server is prevented when a user clicks a link, hence there is no page refresh even when the URL changes.



▼ Server-side routing:

- It is the traditional approach to handling routes in web applications.
- The process involves requesting a new page from the server and providing it to the user every time a link is clicked.
- One major issue with server-side routing is that every request results in a full page refresh, which is not performance efficient in most cases.

