

# NAMASTE REACT

## CHAPTER 7- FINDING THE PATH

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

Ans:-

Using cdn or direct url or locally using path by saving image to asset folder as below:-

```
import Logo from "../assets/food-villa-logo.png";  
<img alt="logo" className="logo" src={Logo}></img>
```

We can also add the cdn url in constants/config.js file and can write as below:-

```
import { IMG_CDN_URL } from "../constants";  
<img src={IMG_CDN_URL + restaurant?.cloudinaryImageId} />
```

### 2. What would happen if we do console.log(useState())?

Ans:-

console.log(useState()) It will have 2 values like this (2) [undefined, f] console.log(useState("Default value here")) It will have 2 values like this (2) ["Default value here", f]

### 3. How will useEffect behave if we do not provide any dependency array?

Ans:- Use effect will get called each time after render if don't add any dependency array. i.e. each time whenever there is state change, component will re-render and hence useEffect will get called.

If we give empty dependency array [], it will be called only once. If we give [someVariable], then it's callback function will be called only when 'someVariable' has updated.

### 4. What is SPA?

Ans:-

SPA stands for Single Page Application. It is a web application or website that interacts with the user by dynamically rewriting the current web page, rather than loading entire new pages from a server. This allows for a more seamless user experience, as the website can update and respond to user actions without requiring a full page reload. Examples of SPA include Gmail, Google Maps, and Facebook.

### 5. What is difference between Client Side Routing and Server Side Routing?

Ans:-

The difference between these two routing has been stated above. Server side needs to keep making requests to the server in order for the application to re-render, but client side does not need to keep making requests to the server, it just does it once when the application is being loaded into the browser. Any other navigation or page change is just being rendered from the already saved application, so a client side application can still function without the internet as long as it has already been loaded in with the internet.

