



Assignment 7 - Finding The Path

Q1 What are various ways to add images into our App? Explain with Code Eg

⇒ Image Tag

```
<img src = "../house.jpg" height = "200" width = "200" />
```

Import Keyword

```
import house from "../house.jpg";
```

```
<img src = {house} alt = "House img" />
```

Require Keyword

```
<img src = {require('../house.jpg')} />
```

Add SVG file

```
import {ReactComponent as Logo} from '../logo.svg';
```

```
<Logo />
```

Add Network Images

```
<img src = {"https://micro.medium.com/..."} />
```

Add Image from Cloudinary

- 1) Creating an account on Cloudinary
- 2) Create the react Js project
- 3) Install the node modules for Cloudinary Image Upload

```
// npm install cloudinary
// npm install axios
```
- 4) Create Image Uploads Component Code
- 5) Create Avatar Uploads Function
- 6) Include Image Upload Component in App.js file
- 7) Upload the Image

or

- 1) Upload Image on Cloudinary
- 2) Paste the link of images in React App
- 3) Import whenever needed

Q2 What would happen if we do `console.log(useState())`?

⇒ `[undefined, function()]`

Q3 What will `useEffect` behave if we don't add a dependency array?

⇒ If we don't have a dependency array it will be called everytime the component renders

Q4 What is SPA?

⇒ SPA is a Single-page Application, a webpage that dynamically interacts with the web browser by rewriting the current web page with data from the webserver.

Q5 What is difference between Client Side Routing and Server Side Rendering?

⇒ Client-side Routing

It involves React Router. The routing logic is handled on the client side, within the browser. When a user clicks on a link or performs a navigation action, React Router intercepts the request and renders the appropriate components without a full page reload.

Server-side Routing

It involves handling the routing logic on the server before delivering the final HTML to the client. Server side routing framework like Next.js or Gatsby.js. When a user requests a specific URL, the server generates a specific URL, the server generates the corresponding HTML and delivers it to the client.