

TASK-5

5. Render HTML Elements to the DOM:

- Render the `Header` component to the DOM using `ReactDOM.render` or `createRoot`.

Step 1: Create Header.jsx:

- Create a file named **Header.jsx** in the components/ folder.

```
import React from 'react';
import './Header.css';
import profileImage from '../assets/profile.jpg'; // Import the image

const Header = () => {
  return (
    <header className="header">
      <div className="content">
        {/* Profile Picture */}
        <img
          src={profileImage} // Use the imported image
          alt="Profile"
          className="profile-image"
        />
        {/* Name and Tagline */}
        <h1 className="title">Het Dabhi</h1>
        <p className="tagline">Aspiring Software Engineer</p>
        {/* Social Media Links */}
        <div className="social-links">
          <a href="https://github.com/hetdabhi" target="_blank" rel="noopener noreferrer">
            
          </a>
          <a href="http://linkedin.com/in/het-dabhi-886a0b2b7" target="_blank" rel="noopener noreferrer">
            
          </a>
        </div>
      </div>
    </header>
  );
}
```

```

    </div>
  </header>
);
};

export default Header;

```

Step 2: Create Header.css:

- Create a file named **Header.css** in the components/ folder.

```

/* Header Container */
.header {
  display: flex;
  justify-content: center;
  align-items: center;
  text-align: center;
  height: 100vh; /* Full viewport height */
  background-color: #ffffff; /* White background */
  color: #000000; /* Black text color */
  padding: 100px;
}

/* Other styles remain the same */

/* Content Wrapper */
.content {
  max-width: 500px;
  width: 100%;
}

/* Profile Picture Styling */
.profile-image {
  border-radius: 50%; /* Circular image */
  width: 150px;
  height: 150px;
  margin-bottom: 20px; /* Add space below the image */
  border: 3px solid #ffffff; /* Optional: Add a border around the image */
}

/* Name and Tagline */
.title {
  font-size: 2.5rem;
  margin: 10px 0;
}

```

```
font-weight: bold;
}

.tagline {
  font-size: 1.2rem;
  margin-bottom: 20px;
}

/* Social Links */
.social-links {
  display: flex;
  justify-content: center;
  gap: 20px;
  margin-top: 20px;
}

.icon {
  width: 40px;
  height: 40px;
  transition: transform 0.3s ease;
}

.icon:hover {
  transform: scale(1.2); /* Slight zoom effect */
}

/* Responsive Design */
@media (max-width: 768px) {
  .title {
    font-size: 2rem;
  }

  .tagline {
    font-size: 1rem;
  }

  .profile-image {
    width: 120px;
    height: 120px;
  }

  .icon {
    width: 35px;
    height: 35px;
  }
}
```

```
@media (max-width: 480px) {  
  .title {  
    font-size: 1.5rem;  
  }  
  
  .tagline {  
    font-size: 0.9rem;  
  }  
  
  .profile-image {  
    width: 100px;  
    height: 100px;  
  }  
  
  .icon {  
    width: 30px;  
    height: 30px;  
  }  
}
```

Step 3: Update App.jsx:

- Edit the **App.jsx** file to include the Header component.

```
import React from 'react';  
import Header from './components/Header'; // Import the Header component  
  
const App = () => {  
  return (  
    <div>  
      <Header />  
  
    </div>  
  );  
};  
  
export default App;
```

Step 4: Update main.jsx:

- Ensure your **main.jsx** renders the App component correctly.

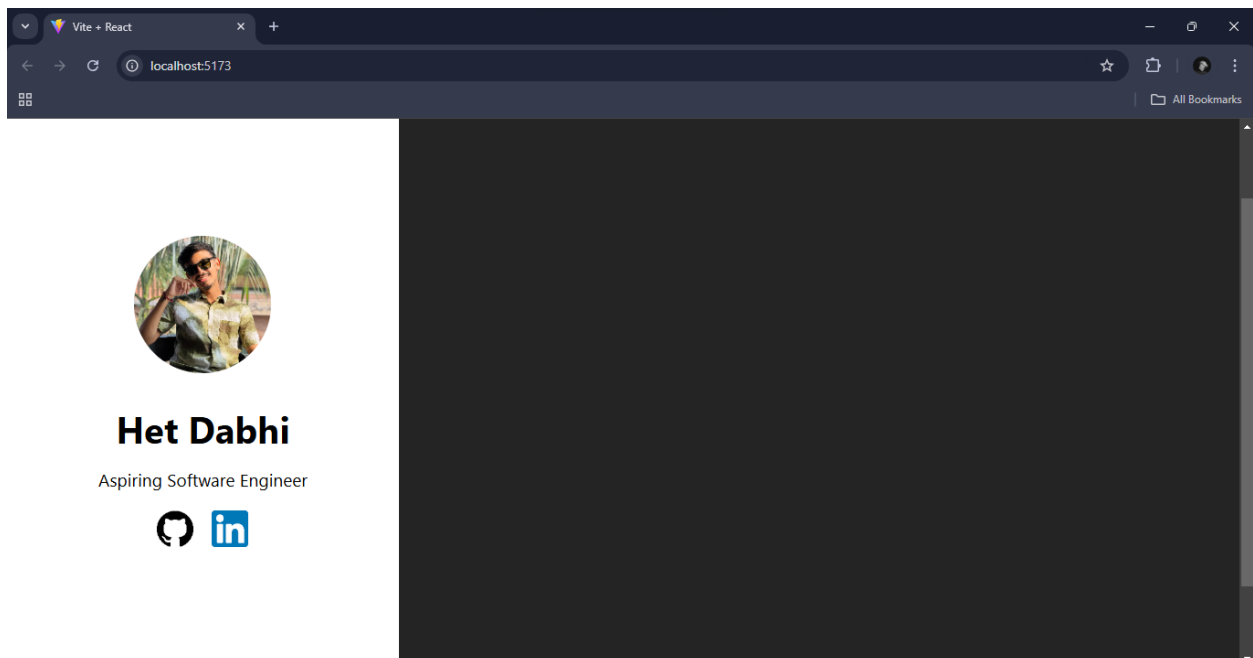
```
import React from 'react';
import ReactDOM from 'react-dom/client';
import App from './App';
import './index.css'; // Global styles

ReactDOM.createRoot(document.getElementById('root')).render(
  <React.StrictMode>
    <App />
  </React.StrictMode>
);
```

Step 5: Start the Development Server:

- Start the Development Server

```
npm run dev
```

Output:

— Structure:

