



NAVODAYA INSTITUTE OF TECHNOLOGY

REACT LAB (BCSL657B)

PROGRAM - 1

Use create-react-app to set up a new project. Edit the App.js file to include a stateful component with useState. Add an input field and a element that displays text based on the input. Dynamically update the content as the user types.

Step 1: Create a new React app

First, you need to create a new React app using create-react-app. Open your terminal and run:

```
npx create-react-app my-dynamic-app
```

```
cd my-dynamic-app
```

Step 2: Modify the App.js file

Open the src/App.js file in your favorite code editor and update the code to include a

App.js

```
import React, { useState } from 'react';
```

```
import './App.css';
```

```
function App() {
```

```
  const [text, setText] = useState("");
```

```
  const handleChange = (event) => {
```

```
    setText(event.target.value);
```

```
  };
```

```
  return (
```

```
    <h1>Dynamic Text Display</h1>
```

```
    <input
```

```
      type="text"
```

```
      value={text}
```

```
      onChange={handleChange}
```

```
        placeholder="Type something..."  
    />  
    <p>You typed: {text}</p>  
</div>  
);
```

export default App;

Step 3: Run the application

Back in your terminal, start the development server by running:

```
npm start
```

OUTPUT

Dynamic Text Display

You typed: Hello vtucircle

```
}
```