**Question 2**

**src**

**ButtonLoader**

**index.js**

import React, { Component } from "react";

export default class ButtonLoader extends Component {

state = {

loading: true

};

fetchData = () => {

this.setState({ loading: false });

setTimeout(() => {

this.setState({ loading: true });

}, 2000);

};

render() {

const { loading } = this.state;

return (

<div style={{ marginTop: "50px" }}>

<button className="button" onClick={this.fetchData} disabled={loading}>

{loading && <i className="fa fa-refresh fa-spin" />}

</button>

</div>

);

}

}

**src**

**index.js**

import React from "react";

import ReactDOM from "react-dom";

import ButtonLoader from "./ButtonLoader/index";

import "./styles.css";

function App() {

return (

<div className="App">

<button type="button" className="cancel-button">

CANCEL

</button>

<ButtonLoader />

</div>

);

}

const rootElement = document.getElementById("root");

ReactDOM.render(<App />, rootElement);

**src**

**style.css**

.App {

font-family: sans-serif;

text-align: center;

display: flex;

justify-content: center;

}

.button {

background-color: #18a558;

border: none;

color: white;

padding: 15.5px;

text-align: center;

align-self: center;

display: inline-block;

font-size: 16px;

margin: 10px;

cursor: pointer;

height: 10px;

width: 80px;

}

.button:disabled {

opacity: 1;

}

.cancel-button {

color: #18a558;

width: 15%;

height: 30px;

align-self: center;

border-color: #18a558;

margin: 60px;

cursor: pointer;

}

**package.json**

{

"name": "button-with-loading-spinner-in-reactjs",

"version": "1.0.0",

"description": "Adding a loading spinner to your buttons in reactjs",

"keywords": [],

"main": "src/index.js",

"dependencies": {

"react": "16.5.2",

"react-dom": "16.5.2",

"react-scripts": "2.0.3"

},

"devDependencies": {},

"scripts": {

"start": "react-scripts start",

"build": "react-scripts build",

"test": "react-scripts test --env=jsdom",

"eject": "react-scripts eject"

},

"browserslist": [">0.2%", "not dead", "not ie <= 11", "not op\_mini all"]

}

**public**

**index.html**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="utf-8" />

<meta

name="viewport"

content="width=device-width, initial-scale=1, shrink-to-fit=no"

/>

<meta name="theme-color" content="#000000" />

<link rel="manifest" href="%PUBLIC\_URL%/manifest.json" />

<link rel="shortcut icon" href="%PUBLIC\_URL%/favicon.ico" />

<link

rel="stylesheet"

href="https://maxcdn.bootstrapcdn.com/font-awesome/4.6.0/css/font-awesome.min.css"

/>

<title>React App</title>

</head>

<body>

<noscript> You need to enable JavaScript to run this app. </noscript>

<div id="root"></div>

</body>

</html>

Output Link : <https://q9bi6.csb.app/>