1. Create a HOC that add random colour to the background of 2 component.

* Creating 2 Components to make it into a rectangle box using App.css

Text

Description automatically generatedText

Description automatically generatedText

Description automatically generated

App.js

Text

Description automatically generated

Output:

* Before Refresh

Icon

Description automatically generated

* After refresh

Icon

Description automatically generated

1. Advance task (use lodash.js)
2. symmetric difference of 2 arrays

Lodash1.js (ignore the error as there are two

console log for two different output)

Text

Description automatically generated

Output XOR

Graphical user interface, text, application

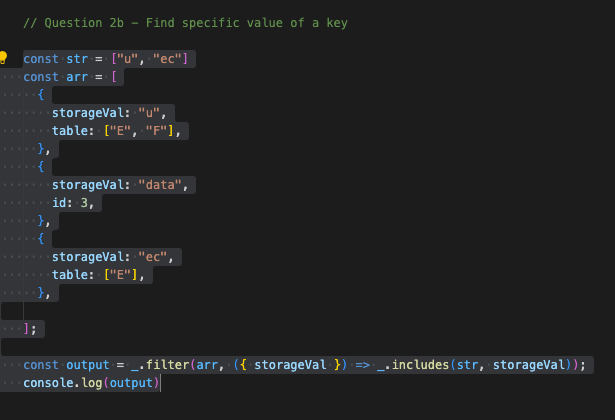
Description automatically generated

Output XOR 2

Graphical user interface, text, application

Description automatically generated

1. symmetric difference of 2 arrays



Output:

Text

Description automatically generated

1. Flatter array

Text

Description automatically generated

Output:

Graphical user interface, text, application, chat or text message

Description automatically generated

1. Also, Flatten Array

Text

Description automatically generated

Output:

Graphical user interface, text

Description automatically generated

1. Complete the Task using Hooks
2. Create an array of objects and update its second index

Hooks.JS

Text

Description automatically generated

Graphical user interface, application

Description automatically generated

Output:

Before clicking on Update State Button:

Graphical user interface, text, application

Description automatically generated

After clicking on Update State Button:

Graphical user interface, text, application

Description automatically generated

1. Create an object, update its 2 property values

Text

Description automatically generated

Output:

Before clicking on the Update Profile Button

Graphical user interface, text, application

Description automatically generated

After clicking on the Update Profile Button

Graphical user interface, text, application

Description automatically generated

Overall App.js of the assignment:

Text

Description automatically generated

1. Create a form using Functional Components. Add validation. (Controlled Input)

Creating Form using Functional Components

Text

Description automatically generated

Text

Description automatically generated

App.js

Text

Description automatically generated

Output

If the Form is empty and submits button is pressed

Graphical user interface, text, application

Description automatically generated

If the username is invalid

Graphical user interface, text, application

Description automatically generated

If the email is invalid

Graphical user interface, text, application

Description automatically generated

If the password is invalid

Graphical user interface, application

Description automatically generated

If all forms are filled correctly and submitted

Graphical user interface, application

Description automatically generated

Console log capturing data input during the whole process with the help of useEffect

