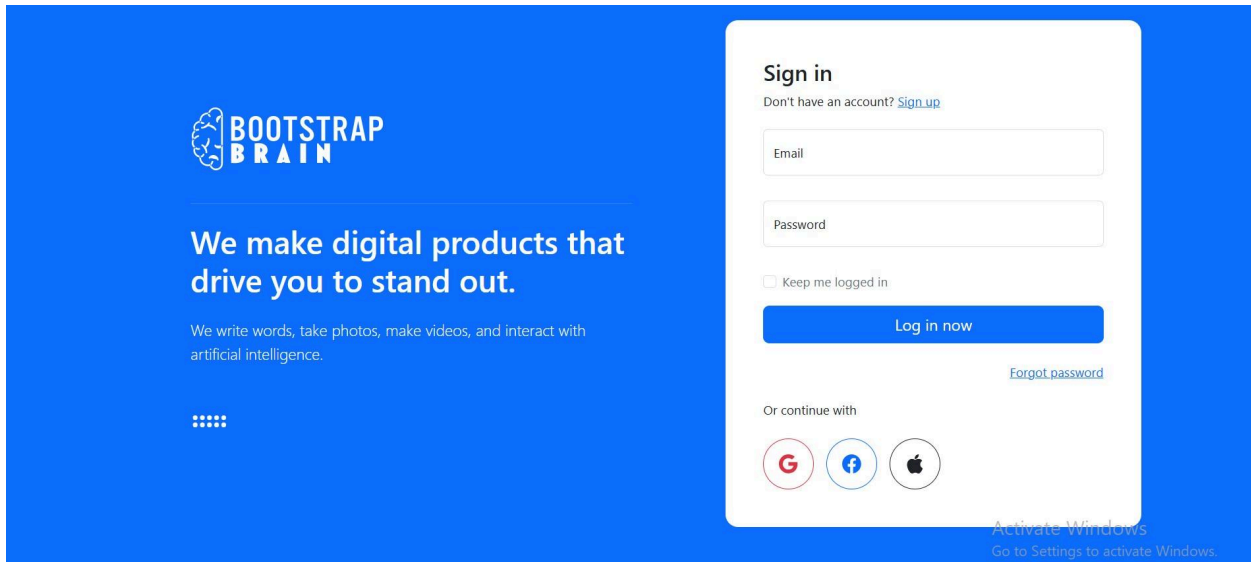


React Coding Practice Questions

Templates

1. Try to achieve the following Login template using React, bootstrap?

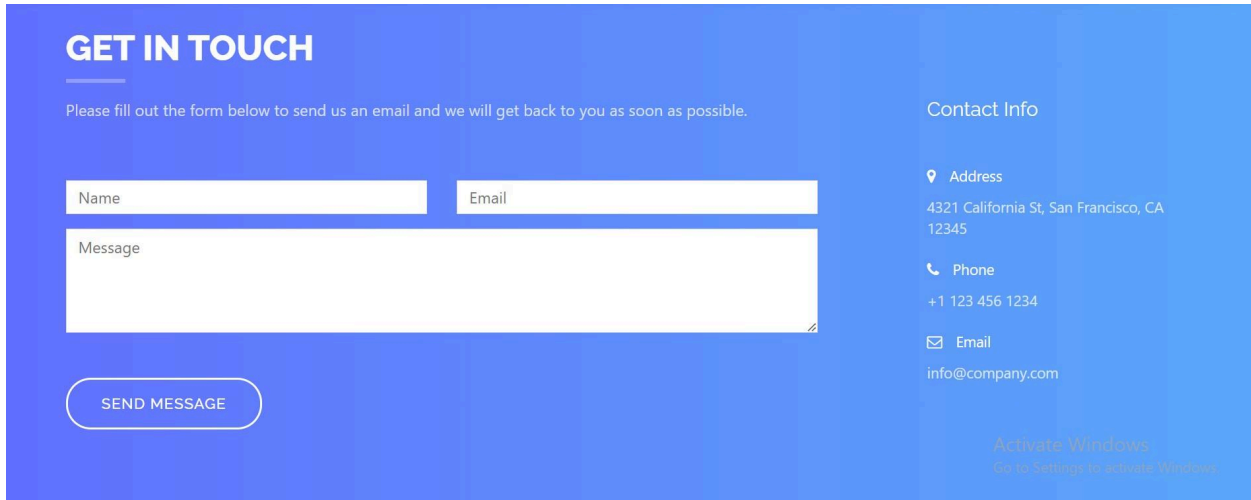


The image shows a login template for 'Bootstrap Brain'. The background is a solid blue color. On the left side, there is a logo for 'BOOTSTRAP BRAIN' featuring a brain icon. Below the logo, the text reads: 'We make digital products that drive you to stand out.' followed by 'We write words, take photos, make videos, and interact with artificial intelligence.' and a small grid of dots. On the right side, there is a white login card. The card has a 'Sign in' heading, a link for 'Don't have an account? Sign up', and two input fields for 'Email' and 'Password'. Below these fields is a checkbox for 'Keep me logged in' and a blue 'Log in now' button. A link for 'Forgot password' is located to the right of the button. At the bottom of the card, it says 'Or continue with' followed by three circular icons for Google, Facebook, and Apple. In the bottom right corner of the blue background, there is a small 'Activate Windows' watermark.

2. Try to achieve the below template?

Link: <https://react-landing-page-template-93ne.vercel.app/>

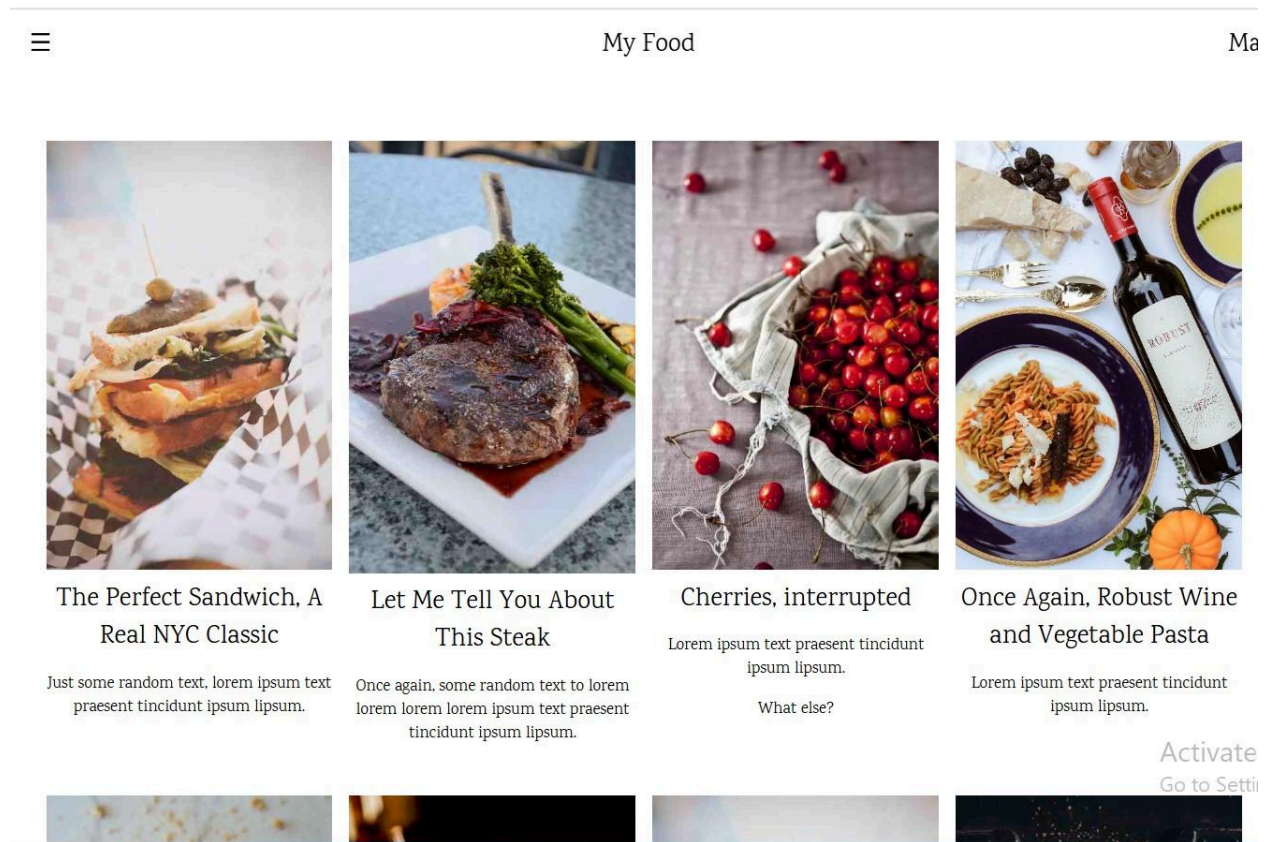
3. Try to achieve the below template?



The image shows a contact form template with a blue background. The heading 'GET IN TOUCH' is at the top left. Below it, a message says: 'Please fill out the form below to send us an email and we will get back to you as soon as possible.' The form consists of three input fields: 'Name', 'Email', and 'Message'. Below the 'Message' field is a rounded button labeled 'SEND MESSAGE'. On the right side, there is a 'Contact Info' section. It includes a location pin icon, the address '4321 California St, San Francisco, CA 12345', a phone icon, the phone number '+1 123 456 1234', and an email icon with the email address 'info@company.com'. In the bottom right corner, there is a small 'Activate Windows' watermark.

4. Try to achieve the below blog templates page

Link : https://www.w3schools.com/w3css/tryw3css_templates_food_blog.htm



5. Try to achieve the below login template

When i click on Login you need to show the login page in conditional way.

Sign Up

Log In

Sign Up for Free

First Name*

Last Name*

Email Address*

Set A Password*

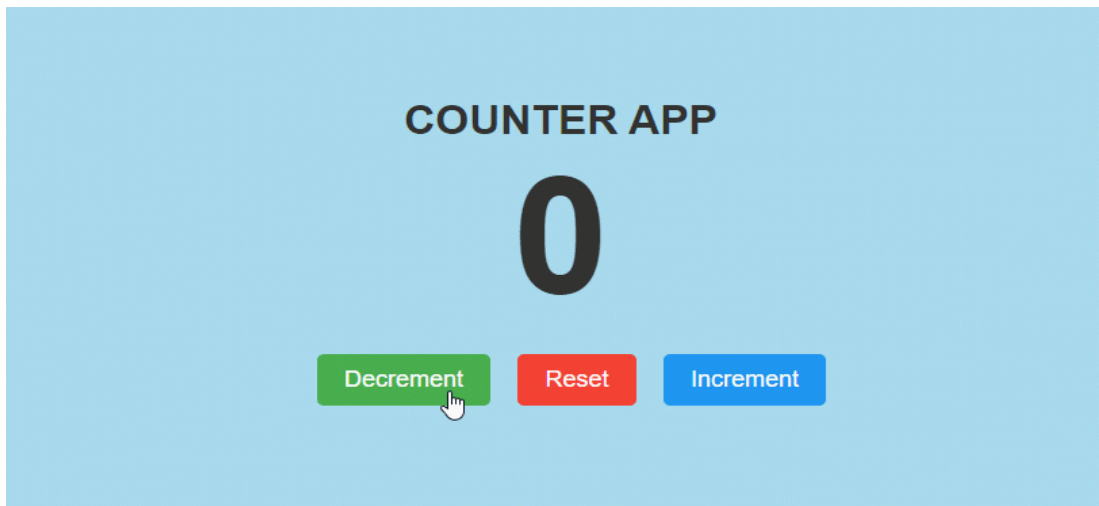
GET STARTED

State

1. Counter Application

Create a functional component with a counter.

- Use the `useState` hook to initialize the counter to 0.
- Add buttons to increment, decrement, and reset the counter.



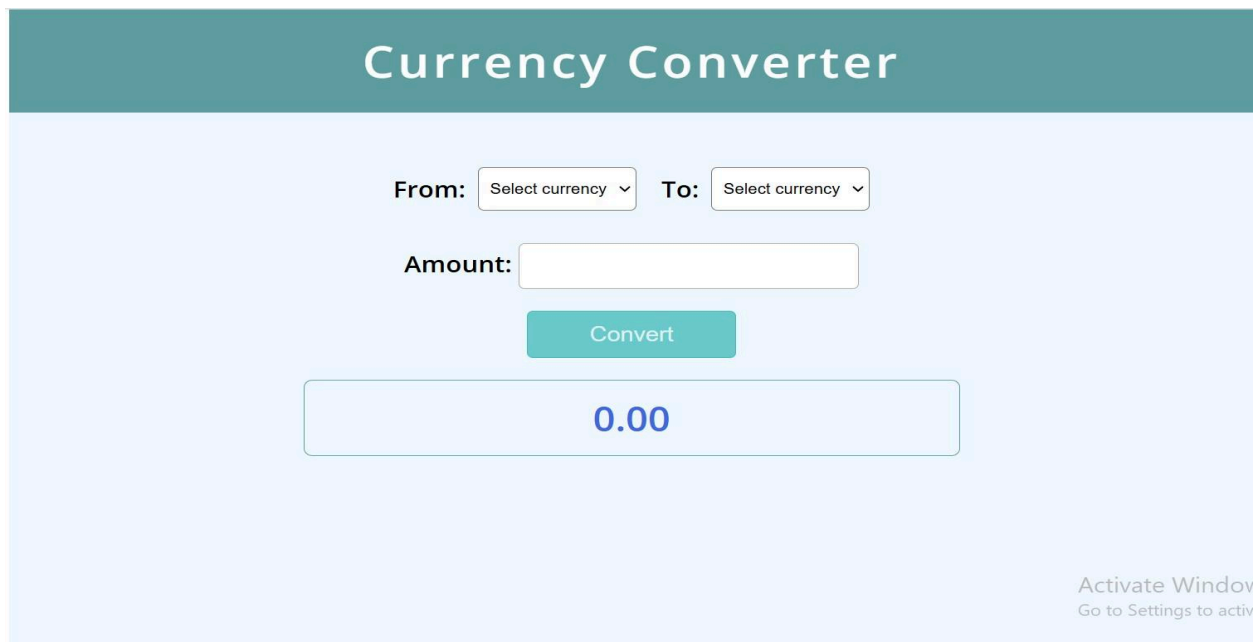
2. Countdown Timer Application

Create a functional component with a counter.



3. Money Conversion Application

Create a functional component with a money conversion.



The screenshot shows a web application titled "Currency Converter" in a teal header. Below the header, there are two dropdown menus labeled "From:" and "To:", both with "Select currency" as the placeholder text. Below these is a text input field labeled "Amount:". A teal "Convert" button is positioned below the input field. At the bottom, a large white box displays the result "0.00" in blue. In the bottom right corner, there is a small, faint text overlay that reads "Activate Windows" and "Go to Settings to activate Windows".

4. Change Background Color:

Create a button that changes the background color of a div when clicked.

Use state to manage the color value.

5. Temperature Conversion Application

Create a functional component with a Temperature conversion.



The screenshot shows a web application titled "Converter °C to °F" in white text on a blue gradient background. Below the title is a white input field containing the number "37". Below the input field, the text "37°C to 98.60°F" is displayed in yellow. At the bottom, there are three blue buttons with white text: "CONVERT", "RESET", and "CHANGE".

6. Try to create the ui if i add a new user data will need to show in below ui pages?

Employee Dashboard

All Departments

Add Employee

Leanne Graham
Email: Sincere@april.biz
Phone: 1-770-736-8031 x56442
Website: [hildegard.org](#)
Address:
Apt. 556, Kulas Light
Gwenborough, 92998-3874
Company:
Romaguera-Crona
Multi-layered client-server neural-net

Ervin Howell
Email: Shanna@melissa.tv
Phone: 010-692-6593 x09125
Website: [anastasia.net](#)
Address:
Suite 879, Victor Plains
Wisokyburgh, 90566-7771
Company:
Deckow-Crist
Proactive didactic contingency

Clementine Bauch
Email: Nathan@yesenia.net
Phone: 1-463-123-4447
Website: [ramiro.info](#)
Address:
Suite 847, Douglas Extension
McKenziehaven, 59590-4157
Company:
Romaguera-Jacobson
Face to face bifurcated interface

Patricia Lebsack
Email: Julianne.OConner@korv.org

Chelsey Dietrich
Email: Lucio.Hettinaer@annie.ca

Mrs. Dennis Schulist
Email: Karlev.Dach@iasper.info

Add New Employee

Name

Enter employee name

Email

Enter employee email

Department

Engineering

Designation

Enter employee designation

Cancel

Add Employee

Activate Windows
Go to Settings to activate Windows.

7.Dynamic Tabs

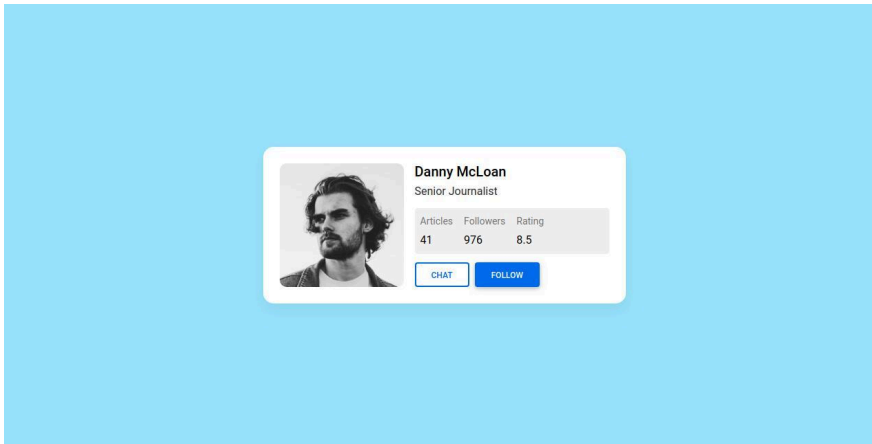
Build a tab navigation UI with three tabs (e.g., "Home", "Profile", "Settings"). Clicking a tab updates the content displayed below the tabs using `useState`.

Props:

1. Profile Card:

Create a `ProfileCard` component that accepts the following props:

- `name`: string
- `age`: number
- `bio`: string
- Need to show at least three profile-cards
Display the information in a card-like below format.



2. Counter Display

Create a `CounterDisplay` component that:

- Accepts a `count` prop (number).
- Displays the current value of the count.
- Style the count to be:
 - **Green** if the count is positive.
 - **Red** if the count is negative.
 - **Black** if the count is zero.

Create a parent component to:

1. Maintain the `count` state.
2. Pass the state as a prop to the `CounterDisplay` component.

3. Toggle Visibility

Create a `Toggle` component that:

- Accepts two props:
 - `message` (string): The message to be toggled.
 - `isVisible` (boolean): Whether the message should be displayed.
- Renders the message only if `isVisible` is `true`.

In the parent component:

1. Maintain a `isVisible` state.
2. Add a button to toggle the `isVisible` state between `true` and `false`.
3. Pass the state and a message as props to the `Toggle` component.

React elements

1. Array of Elements:

Create an array of React elements (e.g., multiple `` items) and render them inside a ``.

2. Combine Text with Variables:

Create a React element that combines hardcoded text with a JavaScript variable:

3. Render Multiple Elements:

Create a React element that renders multiple elements without wrapping them in a `<div>` (use `React.Fragment`).

Class components

1. Basic Form Handling

Create a class component with a form that has an input field and a button.

- Store the input value in `state`.
- Display the input value below the form as the user types.

2. Conditional Rendering:

Create a class component that renders different content based on a boolean `state` variable (`isLoggedIn`).