TASK

Contact Card

Create a simple React component using JSX to display a contact card. The contact card should include the following details:

Name
Email
Phone number
Address

Requirements

Create a ContactCard Component:
The component should accept name, email, phone, and address as props.
Use JSX to display these props in a styled card layout.

Create and Render Multiple ContactCard Components:
Create a few sample contacts and render multiple ContactCard components in the main application component.

Example Data
```
const contacts = [
{
name: "Alice Johnson",
email: "alice.johnson@example.com",
phone: "555-1234",
address: "123 Maple Street, Springfield"
},
{
name: "Bob Smith",
email: "bob.smith@example.com",
phone: "555-5678",
address: "456 Oak Avenue, Metropolis"
},
{
name: "Charlie Brown",
email: "charlie.brown@example.com",
phone: "555-8765",
address: "789 Pine Road, Gotham"
```

```
  }
];
```

Instructions
Setup the React Environment:
Use create-react-app to set up your React project.

Create the ContactCard Component:
Create a ContactCard component that takes name, email, phone, and address as props.
Use JSX to structure and style the contact card.

Render Multiple ContactCard Components:
In the main application component, render multiple ContactCard components using the sample data.

Code –

App.js

```
import React from 'react';

import logo from './logo.svg';

import ContactCard from './ContactCard';

import './App.css';

const contacts = [
  {
    name: "Alice Johnson",

    email: "alice.johnson@example.com",

    phone: "555-1234",

    address: "123 Maple Street, Springfield"

  },
```

```jsx
  {
    name: "Bob Smith",
    email: "bob.smith@example.com",
    phone: "555-5678",
    address: "456 Oak Avenue, Metropolis"
  },
  {
    name: "Charlie Brown",
    email: "charlie.brown@example.com",
    phone: "555-8765",
    address: "789 Pine Road, Gotham"
  }
];

function App() {
  return (
    <div className="app">
      <h1>Contact List</h1>
      <div className="contact-list">
        {contacts.map((contact, index) => (
          <ContactCard
            key={index}
            name={contact.name}
            email={contact.email}
            phone={contact.phone}
            address={contact.address}
          />
```

```
            ))}
        </div>
    </div>
    );
}
export default App;
```

```
contact-app > src > JS App.js > [∅] contacts
  1   import React from 'react';
  2   import logo from './logo.svg';
  3   import ContactCard from './ContactCard';
  4   import './App.css';
  5
  6   const contacts = [
  7     {
  8       name: "Alice Johnson",
  9       email: "alice.johnson@example.com",
 10       phone: "555-1234",
 11       address: "123 Maple Street, Springfield"
 12     },
 13     {
 14       name: "Bob Smith",
 15       email: "bob.smith@example.com",
 16       phone: "555-5678",
 17       address: "456 Oak Avenue, Metropolis"
 18     },
 19     {
 20       name: "Charlie Brown",
 21       email: "charlie.brown@example.com",
 22       phone: "555-8765",
 23       address: "789 Pine Road, Gotham"
 24     }
 25   ];
 26
 27   function App() {
 28     return (
```

```
contact-app > src > JS App.js > [∅] contacts
 25     ];
 26
 27     function App() {
 28       return (
 29         <div className="app">
 30           <h1>Contact List</h1>
 31           <div className="contact-list">
 32             {contacts.map((contact, index) => (
 33               <ContactCard
 34                 key={index}
 35                 name={contact.name}
 36                 email={contact.email}
 37                 phone={contact.phone}
 38                 address={contact.address}
 39               />
 40             ))}
 41           </div>
 42         </div>
 43       );
 44     }
 45
 46     export default App;
 47
```

App.cs

```css
.app {

  font-family: Arial, sans-serif;

  padding: 20px;

  text-align: center;

}


.contact-list {

  display: flex;

  flex-wrap: wrap;

  justify-content: center;

  gap: 20px;

}
```

```
contact-app > src > # App.css > 2 .contact-list
  1    .app {
  2      font-family: Arial, sans-serif;
  3      padding: 20px;
  4      text-align: center;
  5    }
  6
  7    .contact-list {
  8      display: flex;
  9      flex-wrap: wrap;
 10      justify-content: center;
 11      gap: 20px;
 12    }
```

ContactCard.js

```
import React from 'react';

import './ContactCard.css';


const ContactCard = ({ name, email, phone, address }) => {

  return (

    <div className="contact-card">

      <h2>{name}</h2>

      <p><strong>Email:</strong> {email}</p>

      <p><strong>Phone:</strong> {phone}</p>

      <p><strong>Address:</strong> {address}</p>

    </div>

  );

};


export default ContactCard;
```

```
contact-app > src > JS ContactCard.js > [∅] default
  1    import React from 'react';
  2    import './ContactCard.css';
  3
  4    const ContactCard = ({ name, email, phone, address }) => {
  5        return (
  6            <div className="contact-card">
  7                <h2>{name}</h2>
  8                <p><strong>Email:</strong> {email}</p>
  9                <p><strong>Phone:</strong> {phone}</p>
 10                <p><strong>Address:</strong> {address}</p>
 11            </div>
 12        );
 13    };
 14
 15    export default ContactCard;
```
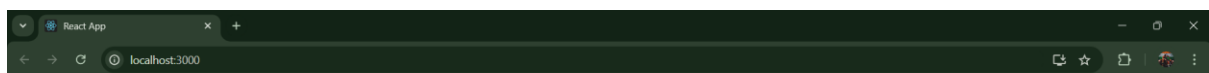
ContactCard.css

```css
.contact-card {
    border: 1px solid #ccc;
    border-radius: 8px;
    padding: 20px;
    width: 300px;
    box-shadow: 0 4px 6px rgba(0, 0, 0, 0.1);
    background-color: #f9f9f9;
}

.contact-card h2 {
    margin: 0 0 10px;
    font-size: 1.5rem;
    color: #333;
}

.contact-card p {
    margin: 5px 0;
    font-size: 1rem;
    color: #555;
}
```

```
contact-app › src › # ContactCard.css › .contact-card h2
  1    .contact-card {
  2        border: 1px solid #ccc;
  3        border-radius: 8px;
  4        padding: 20px;
  5        width: 300px;
  6        box-shadow: 0 4px 6px rgba(0, 0, 0, 0.1);
  7        background-color: #f9f9f9;
  8    }
  9
 10    .contact-card h2 {
 11        margin: 0 0 10px;
 12        font-size: 1.5rem;
 13        color: #333;
 14    }
 15
 16    .contact-card p {
 17        margin: 5px 0;
 18        font-size: 1rem;
 19        color: #555;
 20    }
 21
```

Output –