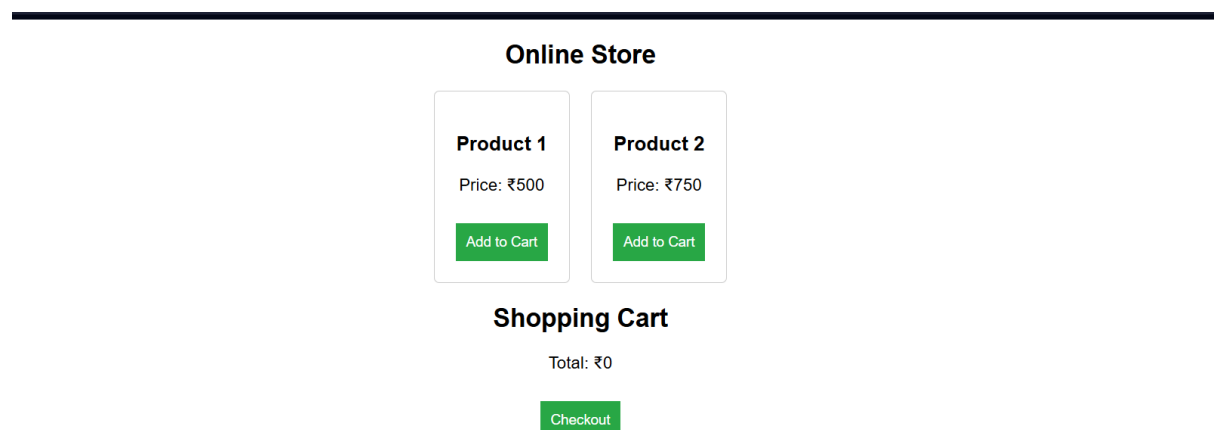


Input:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Store Checkout</title>
  <style>
    body { font-family: Arial, sans-serif; text-align: center; margin: 20px; }
    .product { border: 1px solid #ccc; padding: 10px; display: inline-block; margin: 10px; }
    button { background: green; color: white; border: none; padding: 8px; cursor: pointer;
margin-top: 5px; }
  </style></head><body>
  <h2>Online Store</h2>
  <div class="product">
    <h3>Product 1</h3><p>₹500</p><button onclick="add(500)">Add to Cart</button>
  </div>
  <div class="product">
    <h3>Product 2</h3><p>₹750</p><button onclick="add(750)">Add to Cart</button>
  </div>
  <h3>Cart Total: ₹<span id="total">0</span></h3>
  <button onclick="checkout()">Checkout</button>
  <script>
    let total = 0;
    function add(price) {
      total += price;
      document.getElementById("total").textContent = total;
    }
    function checkout() {
      alert(total ? `Thank you! Total: ₹${total}` : "Cart is empty!");
      total = 0;
      document.getElementById("total").textContent = total;
    }
  </script>
</body>
</html>
```

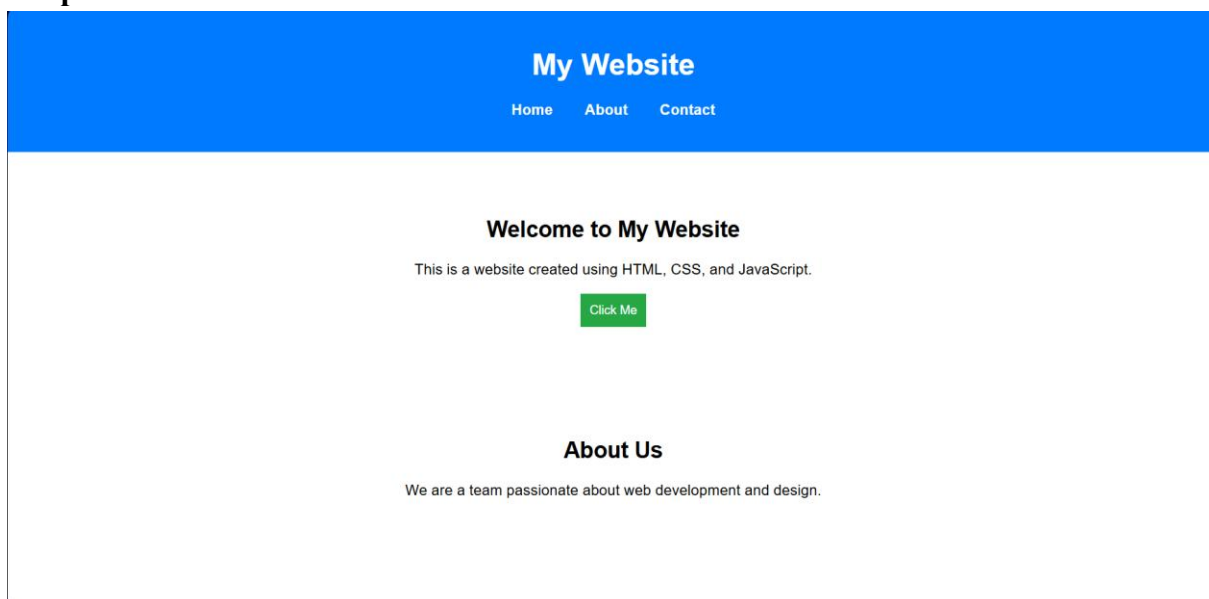
OUTPUT



Input:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Simple Website</title>
  <style>
    body { font-family: Arial, sans-serif; text-align: center; margin: 0; }
    header, footer { background: #007bff; color: white; padding: 15px; }
    footer { background: #333; }
    nav a { color: white; text-decoration: none; margin: 0 15px; font-weight: bold; }
    section { padding: 50px; }
    button { background: #28a745; color: white; border: none; padding: 10px; cursor:
pointer; }
    button:hover { background: #218838; }
  </style></head><body> <header> <h1>My Website</h1>
  <nav><a href="#home">Home</a>
    <a href="#about">About</a>
    <a href="#contact">Contact</a></nav></header>
  <section id="home">
    <h2>Welcome</h2>
    <p>This is a simple website.</p>
    <button onclick="alert('Welcome to My Website!')">Click Me</button>
  </section> <section id="about"><h2>About Us</h2>
    <p>We love web development.</p>
  </section><section id="contact"> <h2>Contact</h2>
    <p>Email: example@example.com</p>
  </section> <footer>
    <p>&copy; 2025 My Website</p>
  </footer></body></html>
```

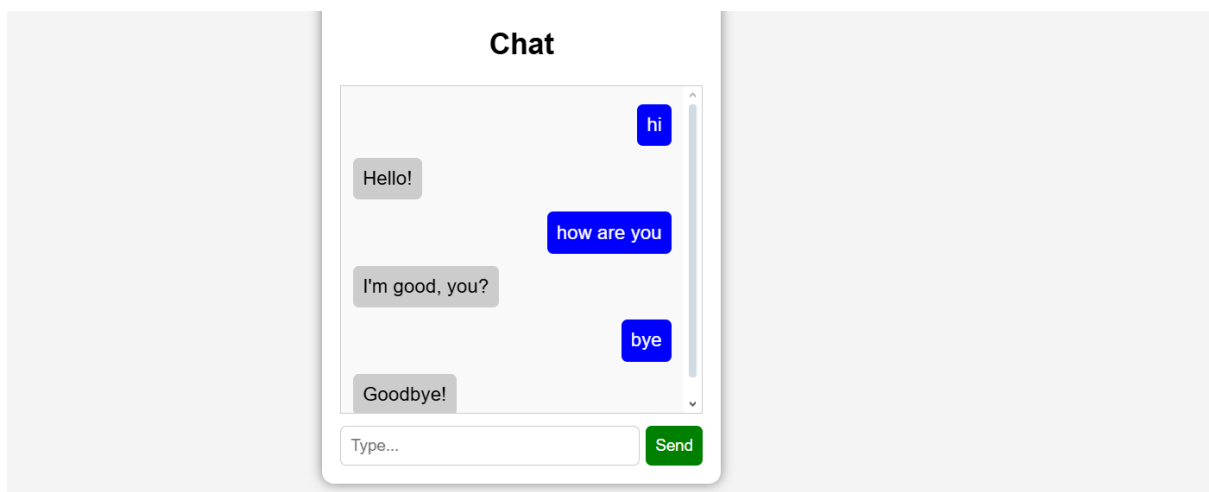
Output:



Input:

```
<!DOCTYPE html><html lang="en"><head><meta charset="UTF-8"><meta
name="viewport" content="width=device-width, initial-scale=1.0"> <title>Simple
Chat</title><style> body { font-family: Arial, sans-serif; display: flex; justify-content:
center; align-items: center; height: 100vh; background: #f4f4f4; margin: 0; }
.chat-container { width: 300px; background: white; border-radius: 10px; box-shadow: 0
0 10px gray; padding: 15px; text-align: center; }
.chat-box { height: 250px; overflow-y: auto; border: 1px solid #ccc; padding: 10px;
background: #f9f9f9; display: flex; flex-direction: column; }
.chat-input { display: flex; margin-top: 10px; }
input { flex: 1; padding: 8px; border: 1px solid #ccc; border-radius: 5px; }
button { padding: 8px; background: green; color: white; border: none; margin-left: 5px;
border-radius: 5px; cursor: pointer; }
.message { padding: 8px; border-radius: 5px; margin: 5px 0; max-width: 80%; word-
wrap: break-word; }
.user { background: blue; color: white; align-self: flex-end; }
.bot { background: #ccc; align-self: flex-start; }</style></head><body><div
class="chat-container"><h2>Chat</h2><div class="chat-box" id="chat"></div>class="chat-
input"><input id="msg" placeholder="Type..."><button onclick="send()">Send</button>
</div></div><script>function send() {let chat = document.getElementById("chat"), msg =
document.getElementById("msg").value.trim();
if (!msg) return;
chat.innerHTML += `<div class='message user'>${msg}</div>`;
document.getElementById("msg").value = "";
setTimeout(() => chat.innerHTML += `<div class='message
bot'>${reply(msg)}</div>`, 500); chat.scrollTop = chat.scrollHeight;}
function reply(text) { let responses = { "hi": "Hello!", "how are you": "I'm good, you?",
"bye": "Goodbye!" };
return responses[text.toLowerCase()] || "I don't understand.";}
</script></body></html>
```

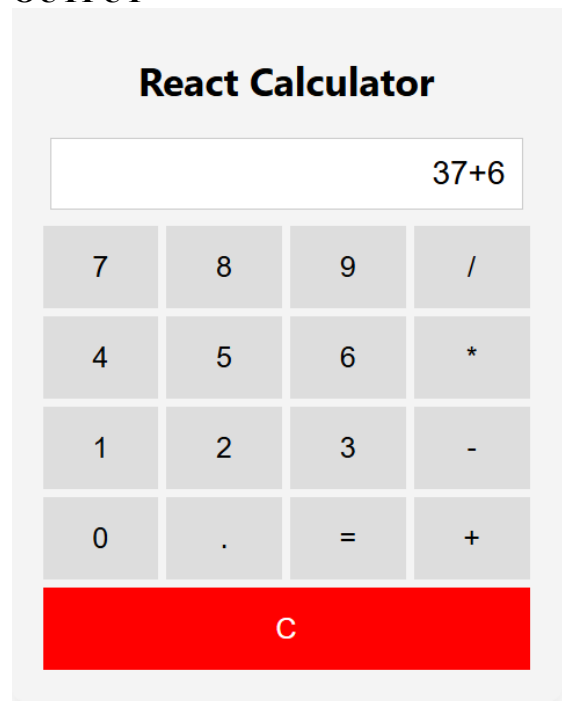
Output:



Input:

```
import React, { useState } from "react";
import "./App.css";
function App() {
  const [input, setInput] = useState("");
  const handleClick = (value) => {
    setInput(input + value); };
  const clearInput = () => {
    setInput(""); };
  const calculateResult = () => {try {
    setInput(eval(input).toString()); // Evaluates the expression
  } catch (error) { setInput("Error"); } };
  return (<div className="calculator">
    <h2>React Calculator</h2>
    <input type="text" value={input} readOnly />
    <div className="buttons">
      {[ "7", "8", "9", "/", "4", "5", "6", "*", "1", "2", "3", "-", "0", ".", "=", "+" ].map((btn) =>
        btn === "=" ? (
          <button key={btn} onClick={calculateResult}>{btn}</button> ) : (
          <button key={btn} onClick={() => handleClick(btn)}>{btn}</button> )
        )}
      <button className="clear" onClick={clearInput}>C</button>
    </div> </div> );}
  export default App;
```

OUTPUT

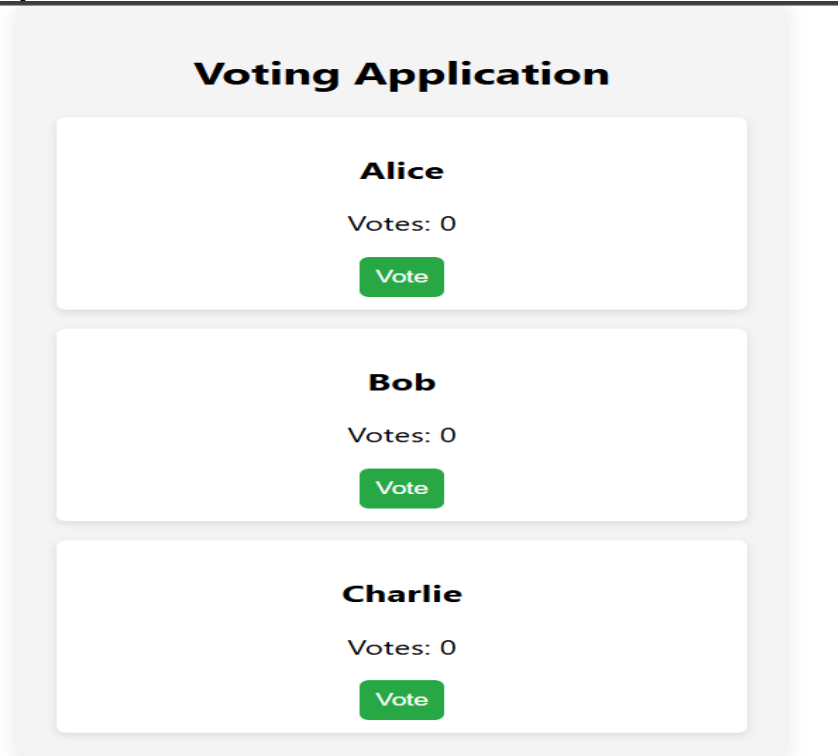


Input:

```
import React, { useState } from "react";
import "./App.css";
function App() {
  const candidates = ["Alice", "Bob", "Charlie"];
  const [votes, setVotes] = useState({ Alice: 0, Bob: 0, Charlie: 0 });
  const handleVote = (candidate) => {
    setVotes({ ...votes, [candidate]: votes[candidate] + 1 });
  };
  return (
    <div className="voting-app">
      <h2>Voting Application</h2>
      <div className="candidates">
        {candidates.map((candidate) => (
          <div key={candidate} className="candidate">
            <h3>{candidate}</h3>
            <p>Votes: {votes[candidate]}</p>
            <button onClick={() => handleVote(candidate)}>Vote</button>
          </div>
        ))}
      </div>
    </div>
  );
}
```

export default App;

Output:



Input:

```
<!DOCTYPE html>
<html lang="en">
<head> <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Leap Year Checker</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      text-align: center;
      margin-top: 50px;
    }
    input, button {
      padding: 10px;
      margin-top: 10px;
      font-size: 16px;
    }
  </style></head><body>
<h2>Leap Year Checker</h2>
<label>Enter a Year:</label>
<input type="number" id="yearInput" placeholder="Enter year">
<button onclick="checkLeapYear()">Check</button>
<p id="result"></p>
  <script>
    function isLeapYear(year) {
      return (year % 4 === 0 && year % 100 !== 0) || (year % 400 === 0);
    }
    function checkLeapYear() {
      let year = document.getElementById("yearInput").value;
      if (!year) {
        document.getElementById("result").innerText = "Please enter a valid year.";
        return;
      }
      let resultText = isLeapYear(year) ? `${year} is a Leap Year.` : `${year} is NOT a Leap
Year.`;
      document.getElementById("result").innerText = resultText;
    }
  </script></body></html>
```

Output:

Leap Year Checker

Enter a Year:

8008 is a Leap Year.

Input:


```
import React, { useState, useEffect } from "react";
import "./App.css";
const BirthdayReminder = () => {
  const [birthdays, setBirthdays] = useState([
    { id: 1, name: "John Doe", date: "2024-03-10" },
    { id: 2, name: "Jane Smith", date: "2024-05-15" },
  ]);
  const [newName, setNewName] = useState("");
  const [newDate, setNewDate] = useState("");
  const [popup, setPopup] = useState(null);
  // Function to add a new birthday
  const addBirthday = () => {
    if (newName && newDate) {
      setBirthdays([...birthdays, { id: Date.now(), name: newName, date: newDate }]);
      setNewName("");
      setNewDate("");
    }
  };
  // Function to remove a birthday
  const removeBirthday = (id) => {
    setBirthdays(birthdays.filter((bday) => bday.id !== id));
  };
  // Function to check if a birthday has passed
  const processBirthdays = () => {
    const today = new Date();
    let updatedBirthdays = birthdays.map((bday) => {
      let bdayDate = new Date(bday.date);
      if (bdayDate < today) {
        bdayDate.setFullYear(today.getFullYear() + 1);
      }
      return { ...bday, date: bdayDate.toISOString().split("T")[0] };
    });
    setBirthdays(updatedBirthdays);
  };
  // Show pop-up for upcoming birthdays
  useEffect(() => {
    const today = new Date().toISOString().split("T")[0];
    const upcomingBday = birthdays.find((bday) => bday.date === today);
    if (upcomingBday) {
      setPopup(`🎉 Happy Birthday ${upcomingBday.name}!`);
      setTimeout(() => setPopup(null), 3000);
    }
  }, [birthdays]);
  return (
    <div className="app">    <h2>🎂 Birthday Reminder</h2>
    {popup && <div className="popup">{popup}</div>}
    <div className="input-container">
      <input type="text" placeholder="Enter Name" value={newName} onChange={(e) =>
setNewName(e.target.value)} />
      <input type="date" value={newDate} onChange={(e) => setNewDate(e.target.value)}
/>
    </div>
  )
}
```

```


    <button onClick={addBirthday}>Add Birthday</button>
  </div>
  <div className="birthday-list">
    {birthdays.map((bday) => (
      <div key={bday.id} className="birthday-item">
        <span>{bday.name} - {bday.date}</span>
        <button onClick={() =>
removeBirthday(bday.id)}>Remove</button>      </div>    ))}    </div>
    <button className="process-btn" onClick={processBirthdays}>Update
Birthdays</button>
  </div> );};
export default BirthdayReminder;

```

Output:



Birthday Reminder



Add Birthday

John Doe - 2026-03-10

Remove

Jane Smith - 2026-05-15

Remove

srivarsha - 2026-03-12

Remove

Update Birthdays