

Q1

The screenshot shows a web browser at `codedamn.com/online-compiler/reactjs`. The code editor on the left contains the following JavaScript code for `App.jsx`:

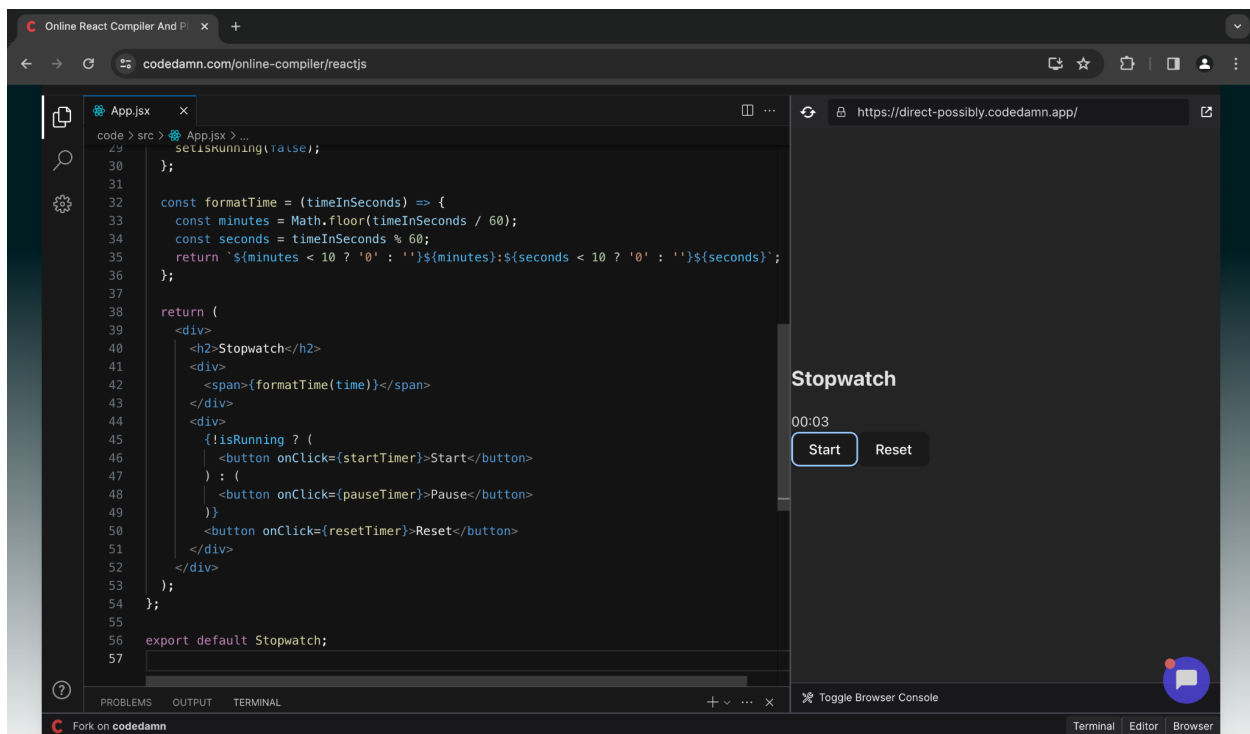
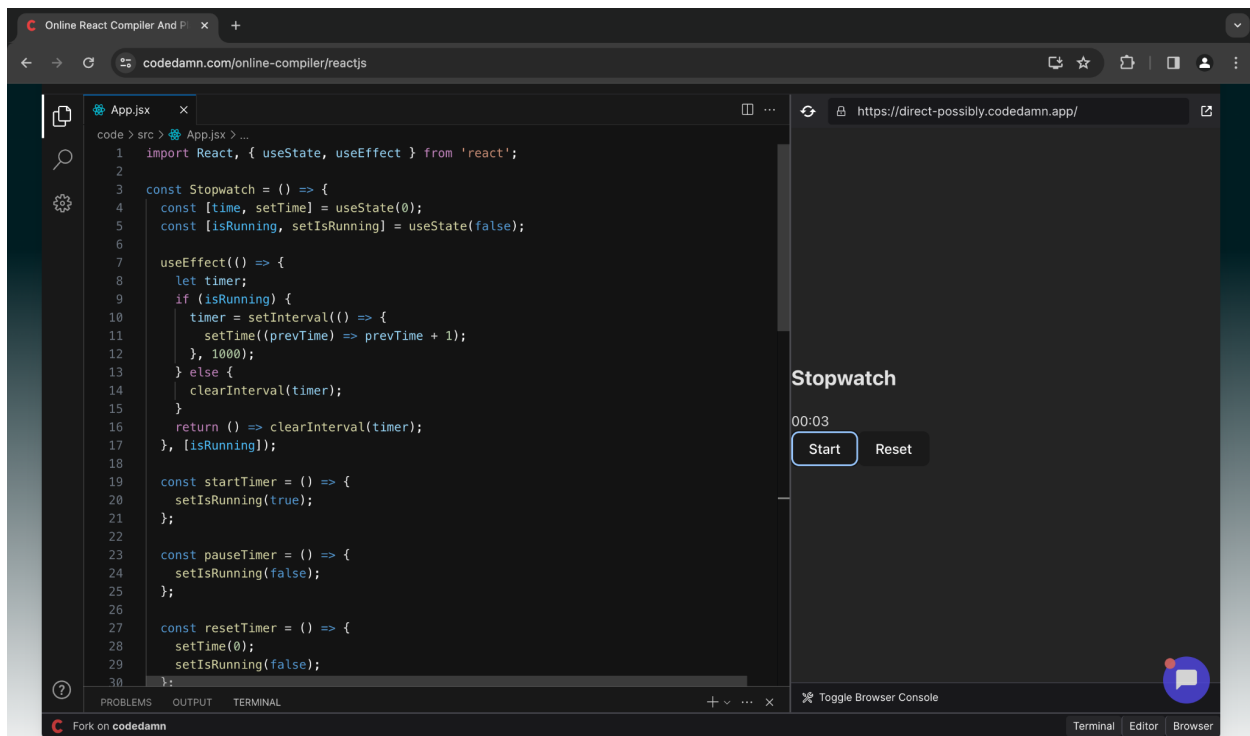
```
1 import React, { useState } from 'react';
2
3 const CurrencyConverter = () => {
4   const [amount, setAmount] = useState('');
5   const [fromCurrency, setFromCurrency] = useState('USD');
6   const [toCurrency, setToCurrency] = useState('EUR');
7   const exchangeRate = 0.85;
8
9   const handleAmountChange = (e) => {
10     setAmount(e.target.value);
11   };
12
13   const handleFromCurrencyChange = (e) => {
14     setFromCurrency(e.target.value);
15   };
16
17   const handleToCurrencyChange = (e) => {
18     setToCurrency(e.target.value);
19   };
20
21   const convertCurrency = () => {
22     const convertedAmount = parseFloat(amount) * exchangeRate;
23     return convertedAmount.toFixed(2);
24   };
25
26   return (
27     <div>
28       <h2>Currency Converter</h2>
29       <div>
30         <label htmlFor="fromCurrency">From:</label>
```

The browser preview on the right displays the rendered application. It has the title "Currency Converter" and shows the "From:" dropdown set to "USD" with a value of "45". The "To:" dropdown is set to "EUR" and shows a value of "38.25".

The screenshot shows the same online React compiler. The code editor now contains the following JavaScript code for `App.jsx`:

```
43   <div>
44     <div>
45       <label htmlFor="fromCurrency">From:</label>
46       <select id="fromCurrency" value={fromCurrency} onChange={handleFromCurrencyChange}>
47         <option value="USD">USD</option>
48         <option value="EUR">EUR</option>
49       </select>
50       <input type="number" value={amount} onChange={handleAmountChange} />
51     </div>
52     <div>
53       <label htmlFor="toCurrency">To:</label>
54       <select id="toCurrency" value={toCurrency} onChange={handleToCurrencyChange}>
55         <option value="USD">USD</option>
56         <option value="EUR">EUR</option>
57       </select>
58       <span>{convertCurrency()}</span>
59     </div>
60   </div>
61 );
62 };
63
64 export default CurrencyConverter;
```

The browser preview on the right shows the updated application. It now includes a text input field for the amount, which currently contains "45". The "From:" dropdown is still "USD" and the "To:" dropdown is still "EUR". The converted amount "38.25" is displayed next to the "To:" dropdown.



Q3