



Conditional Rendering

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Conditional Rendering



Outline

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Conditional Operators

Card Badge

Conditional Rendering-2

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Passing props Object

Spread Operator

Q&A

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Conditional Rendering

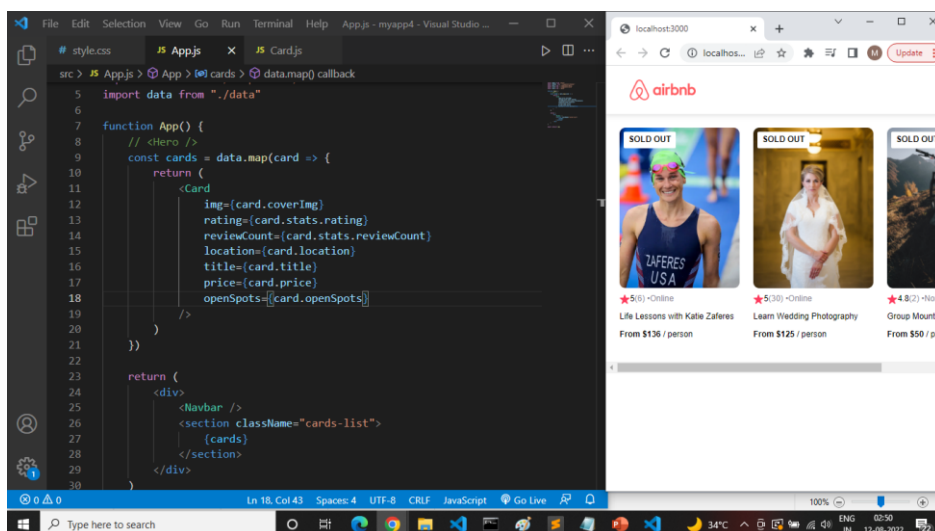


- In **React**, you can create distinct components that encapsulate behavior you need.
- Then, you can **render only some of them, depending on the state** of your application.
- Conditional rendering** in React works the same way conditions work in JavaScript.
- Use JavaScript operators like the **conditional operator** (**&&**) or **if** to create elements representing the current state, and let React update the UI to match them.

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airbnb – card badge



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Conditional Rendering



```
function UserGreeting(props) {
  return <h1>Welcome back!</h1>;
}

function GuestGreeting(props) {
  return <h1>Please sign up.</h1>;
}
```

- Consider these two components:

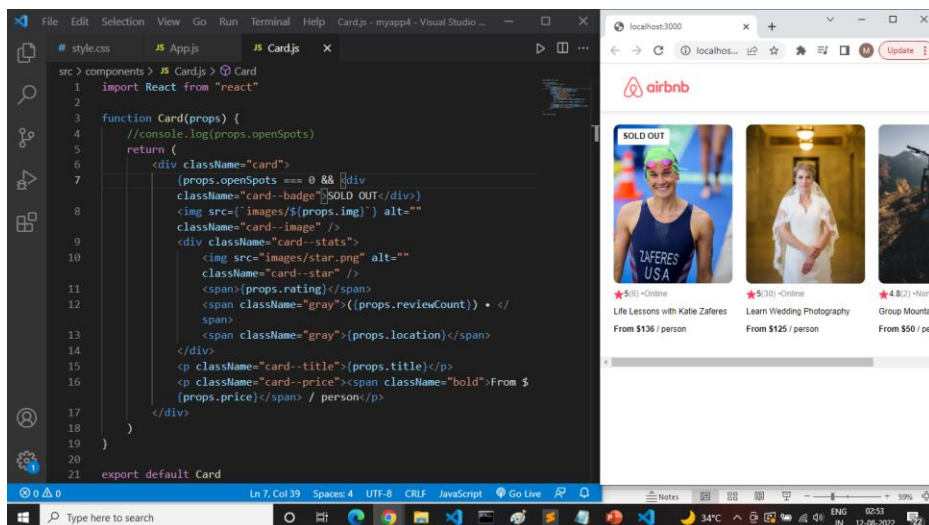
```
function Greeting(props) {
  const isLoggedIn = props.isLoggedIn;
  if (isLoggedIn) {
    return <UserGreeting />;
  }
  return <GuestGreeting />;
}
```

- We'll create a **Greeting** component that displays either of these components depending on whether a user is logged in:

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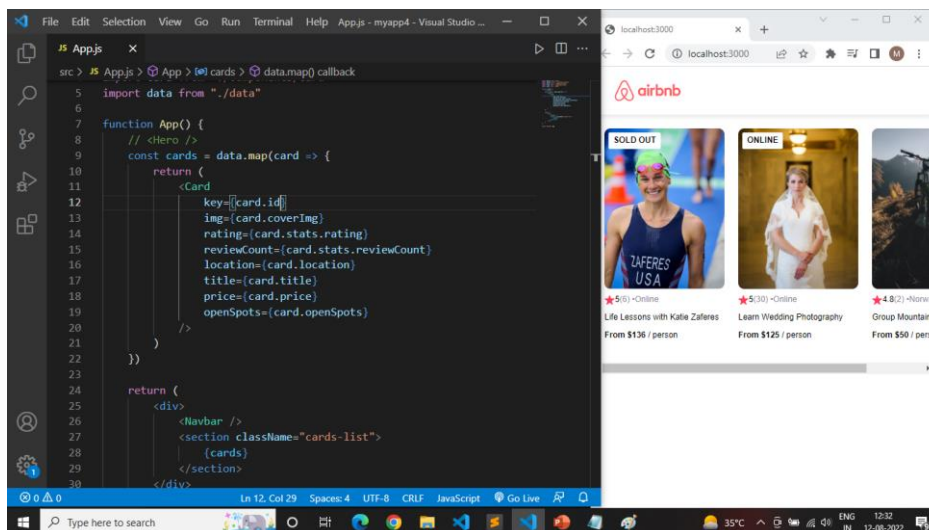
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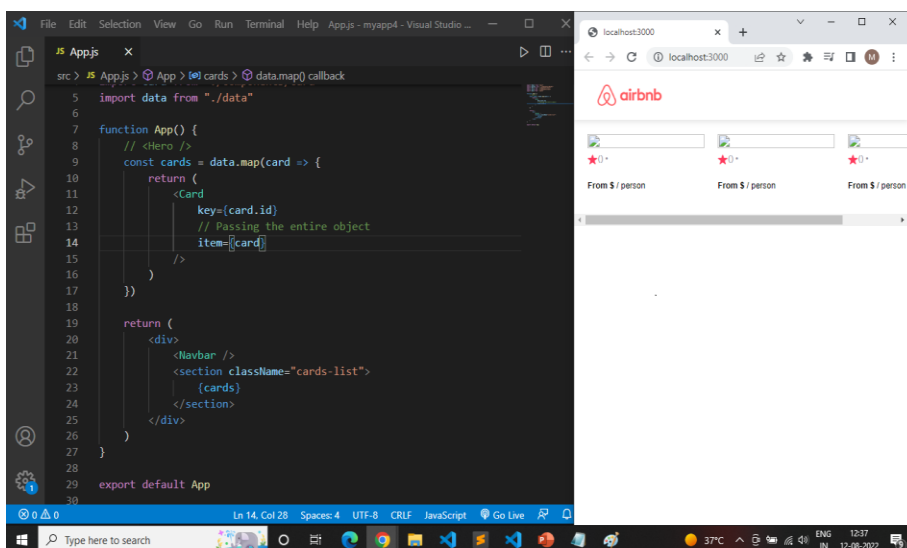
airbnb – Problem with ...



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airbnb – Passing props Object



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airbnb – Passing props Object



The screenshot shows a code editor with the following JavaScript code for the `Card` component:

```
function Card(props) {
  //console.log(props.openSpots)
  let badgeText
  if (props.item.openSpots === 0) {
    badgeText = "SOLD OUT"
  }
  else if (props.item.location === 'Online') {
    badgeText = "ONLINE"
  }

  return (
    <div className="card">
      {badgeText} && <div className="card--badge">{badgeText}</div>
      <img src={`images/${props.item.coverImg}`} alt="" className="card--img" />
      <div className="card--stats">
        
        <span>{props.item.stats.rating}</span>
        <span className="gray">{props.item.stats.reviewCount}</span>
        <span className="gray">{props.item.location}</span>
      </div>
      <p className="card--title">{props.item.title}</p>
      <p className="card--price"><span className="bold">From $</span>
    </div>
  )
}
```

The browser on the right shows the rendered output, which is a simplified version of the Airbnb homepage. It features three cards: "SOLD OUT" for a swimmer, "ONLINE" for a woman, and another "ONLINE" card for a mountain scene. Each card displays a rating, review count, and location.

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airbnb – Spread Object as props



The screenshot shows a code editor with the following JavaScript code for the `App` component:

```
import data from "../data"

function App() {
  // <Hero />
  const cards = data.map(card => {
    return (
      <Card
        key={card.id}
        // Spread object as props
        {...card}
      />
    )
  })

  return (
    <div>
      <Navbar />
      <section className="cards-list">
        {cards}
      </section>
    </div>
  )
}

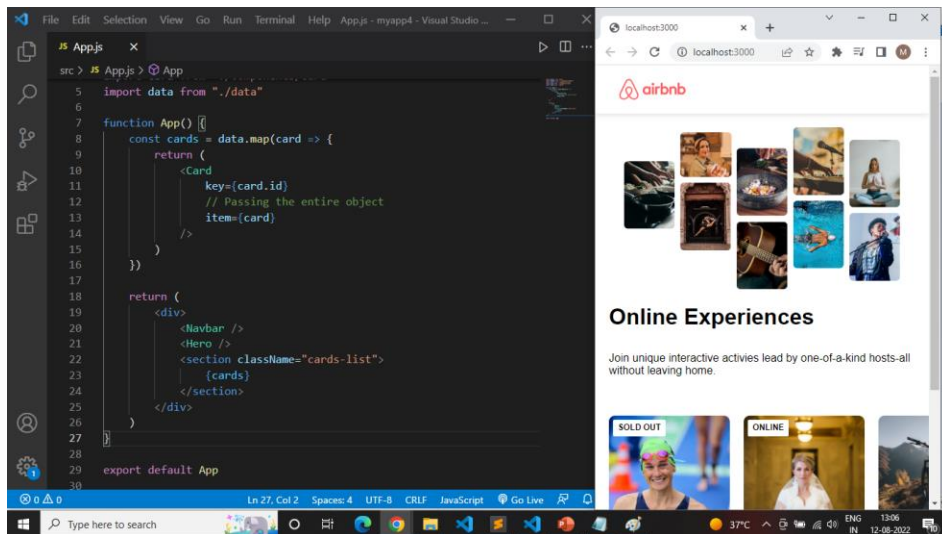
export default App
```

The browser on the right shows the rendered output, which is a simplified version of the Airbnb homepage. It features three cards: "SOLD OUT" for a swimmer, "ONLINE" for a woman, and another "ONLINE" card for a mountain scene. Each card displays a rating, review count, and location.

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airbnb – Let's bring our Hero



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QUIZ!

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