React

STATE

WHAT REACT DEVELOPERS NEED TO LEARN ABOUT STATE:

1. **What is state** and **why** do we need it? — This section

2. How to use state in **practice?**
   - useState
   - useReducer
   - Context API

   Rest of the course...

3. **Thinking** about state
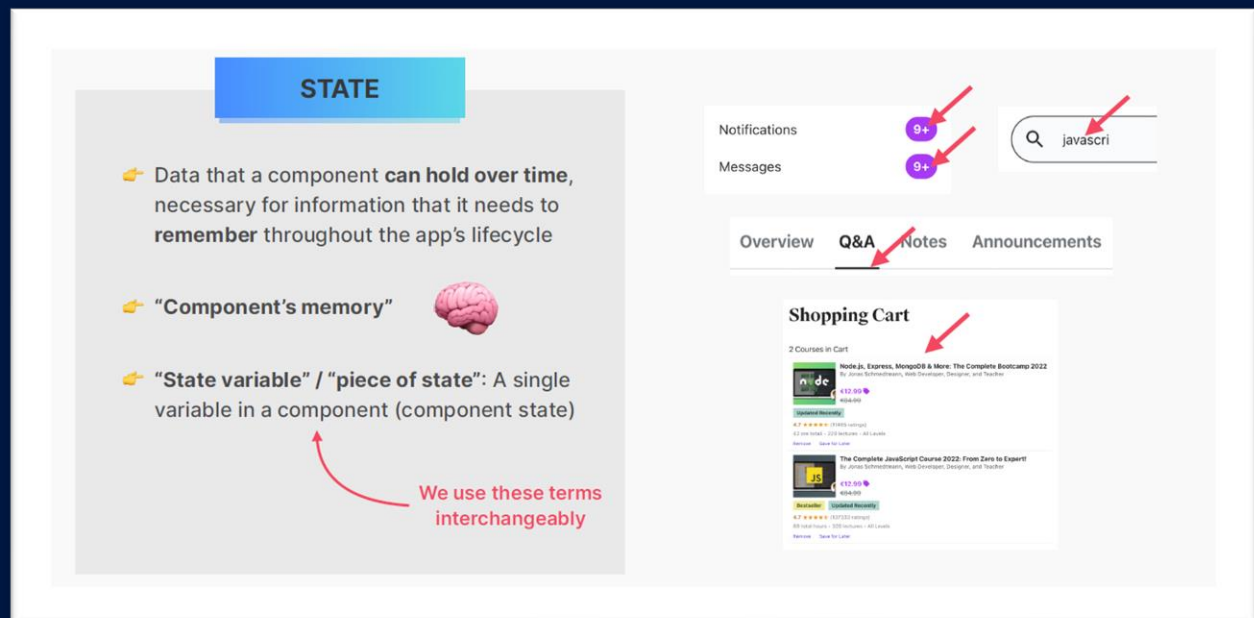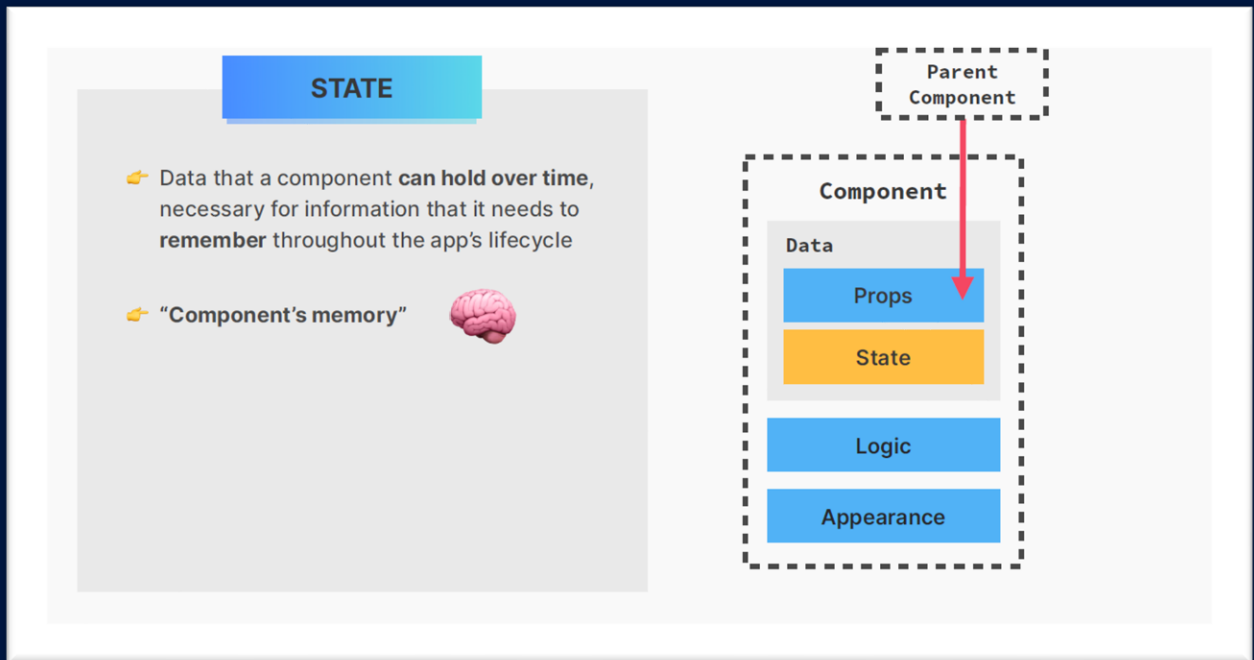   - When to use state
   - Where to place state
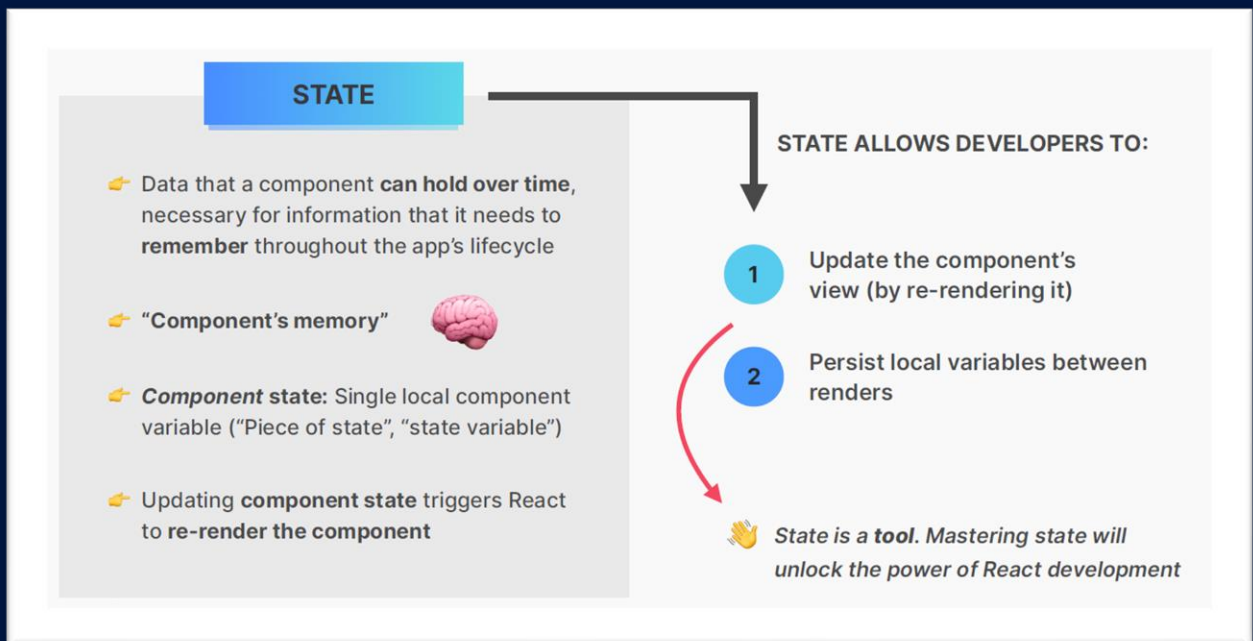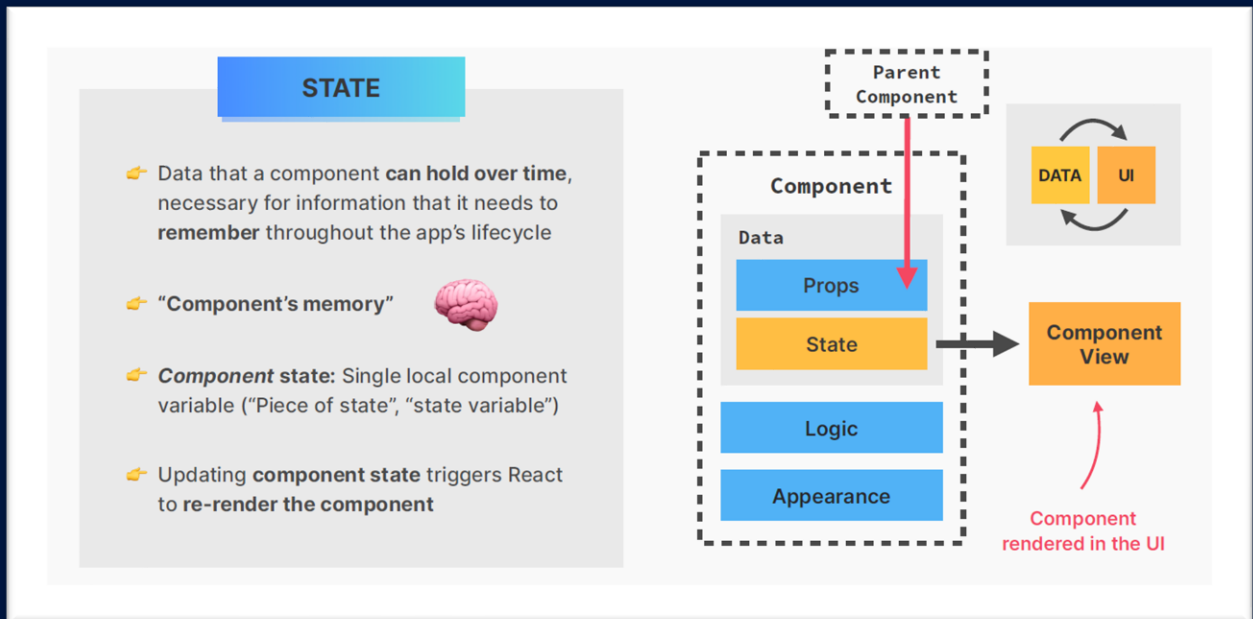   - Types of state

👋 **State** is the most important concept in React

(So we will keep learning about state throughout the entire course...)

React

Slide 1: STATE

STATE

👉 Data that a component **can hold over time**, necessary for information that it needs to **remember** throughout the app's lifecycle

👉 "Component's memory" 🧠

Parent Component

Component

Data
- Props
- State

Logic

Appearance

Slide 2: STATE

STATE

👉 Data that a component **can hold over time**, necessary for information that it needs to **remember** throughout the app's lifecycle

👉 "Component's memory" 🧠

👉 **"State variable" / "piece of state":** A single variable in a component (component state)

We use these terms interchangeably

Notifications 9+
Messages 9+

🔍 javascri

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React

Slide 1

STATE

👉 Data that a component **can hold over time**, necessary for information that it needs to **remember** throughout the app's lifecycle

👉 "Component's memory" 🧠

👉 *Component* state: Single local component variable ("Piece of state", "state variable")

👉 Updating **component state** triggers React to **re-render the component**

Parent Component

Component

Data
- Props
- State
- Logic
- Appearance

DATA ⟷ UI

Component View

Component rendered in the UI

Slide 2

STATE

👉 Data that a component **can hold over time**, necessary for information that it needs to **remember** throughout the app's lifecycle

👉 "Component's memory" 🧠

👉 *Component* state: Single local component variable ("Piece of state", "state variable")

👉 Updating **component state** triggers React to **re-render the component**

STATE ALLOWS DEVELOPERS TO:

1. Update the component's view (by re-rendering it)

2. Persist local variables between renders

👏 *State is a **tool**. Mastering state will unlock the power of React development*