



**BLACKBUCK**  
ENGINEERS



# The MERN Development Lab

Session 17 - React Project

BY AQUIB AJANI



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ENGINEERS

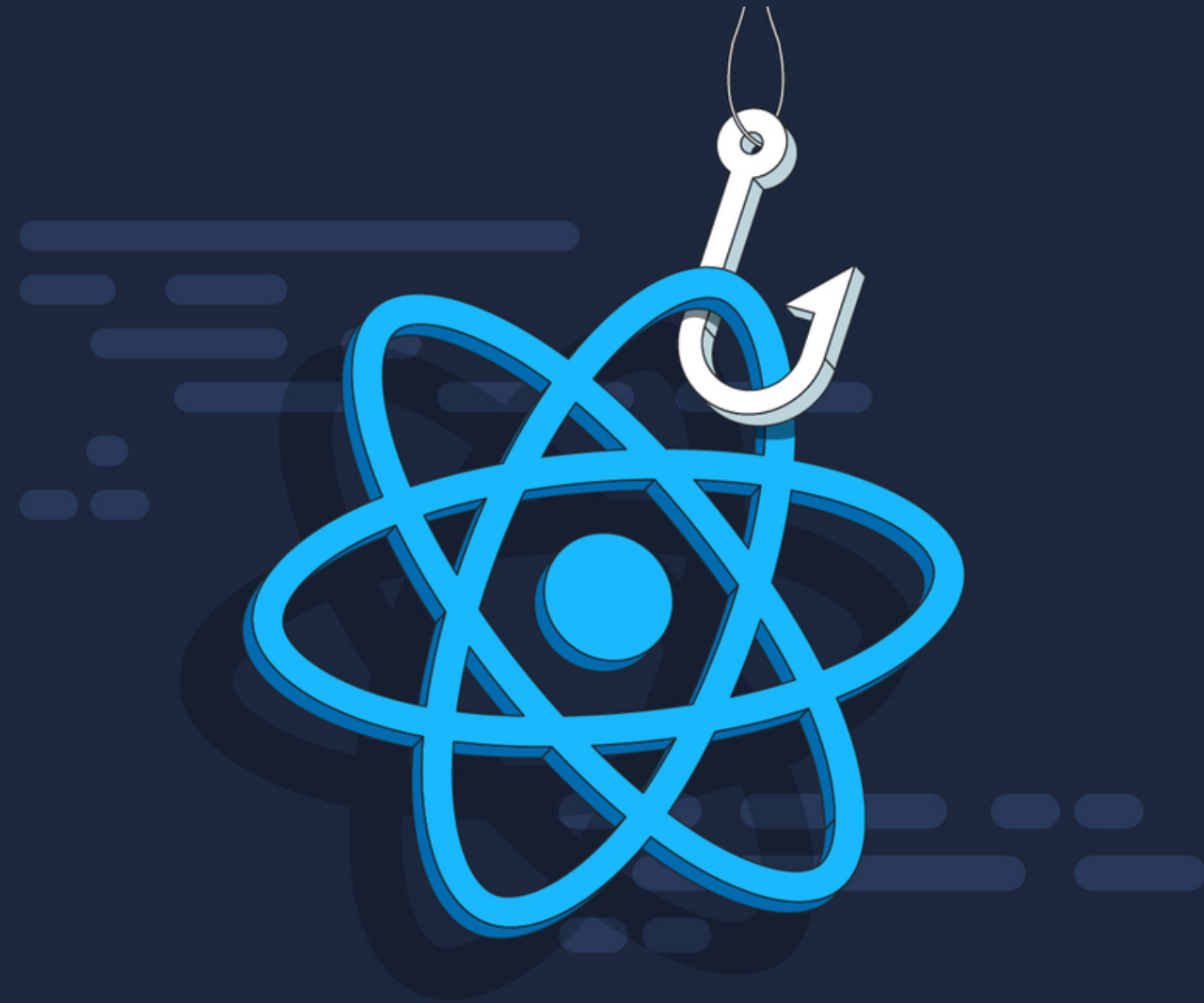


**GitHub**  
**Repository**

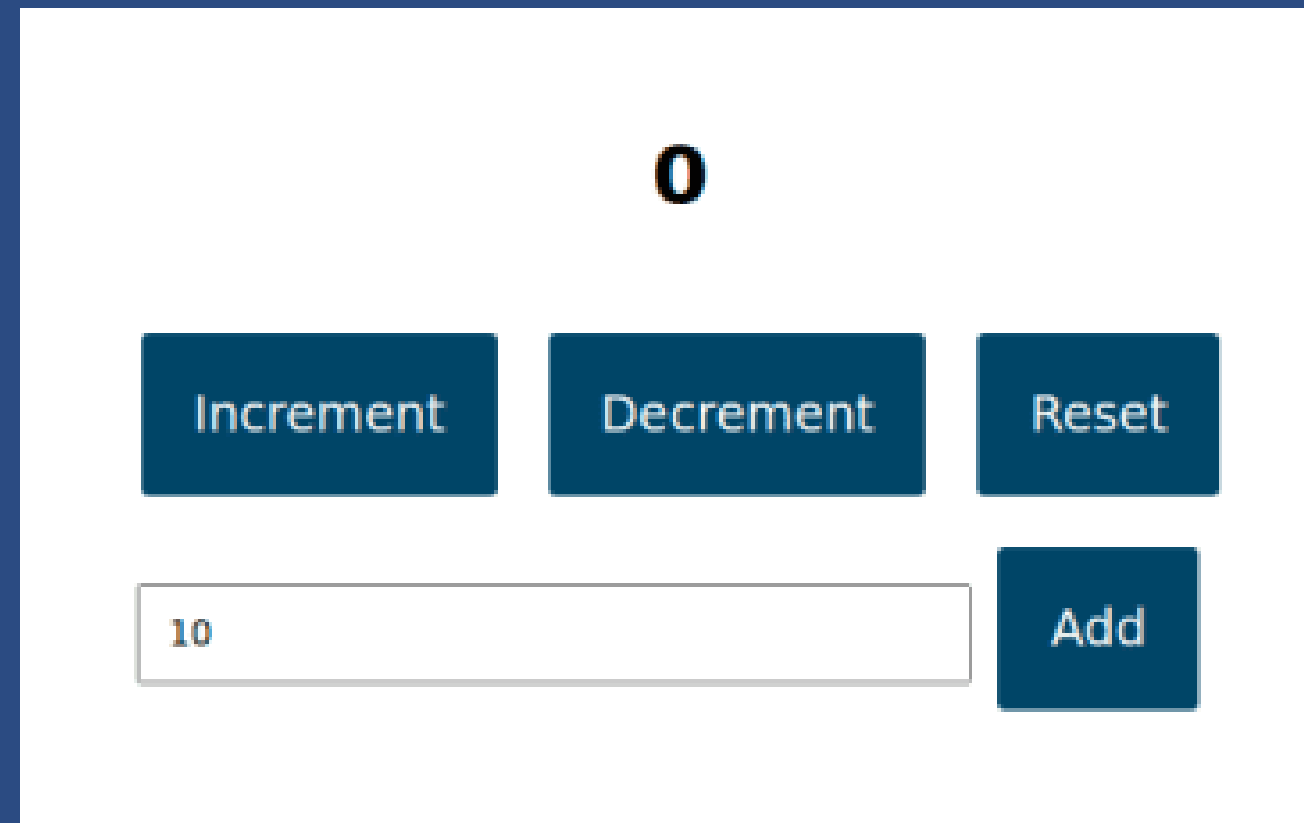
**[tabdeelstudios/blackbucks-iidt-internship-full-stack-feb-2024](https://github.com/tabdeelstudios/blackbucks-iidt-internship-full-stack-feb-2024)**

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# What are React Hooks?

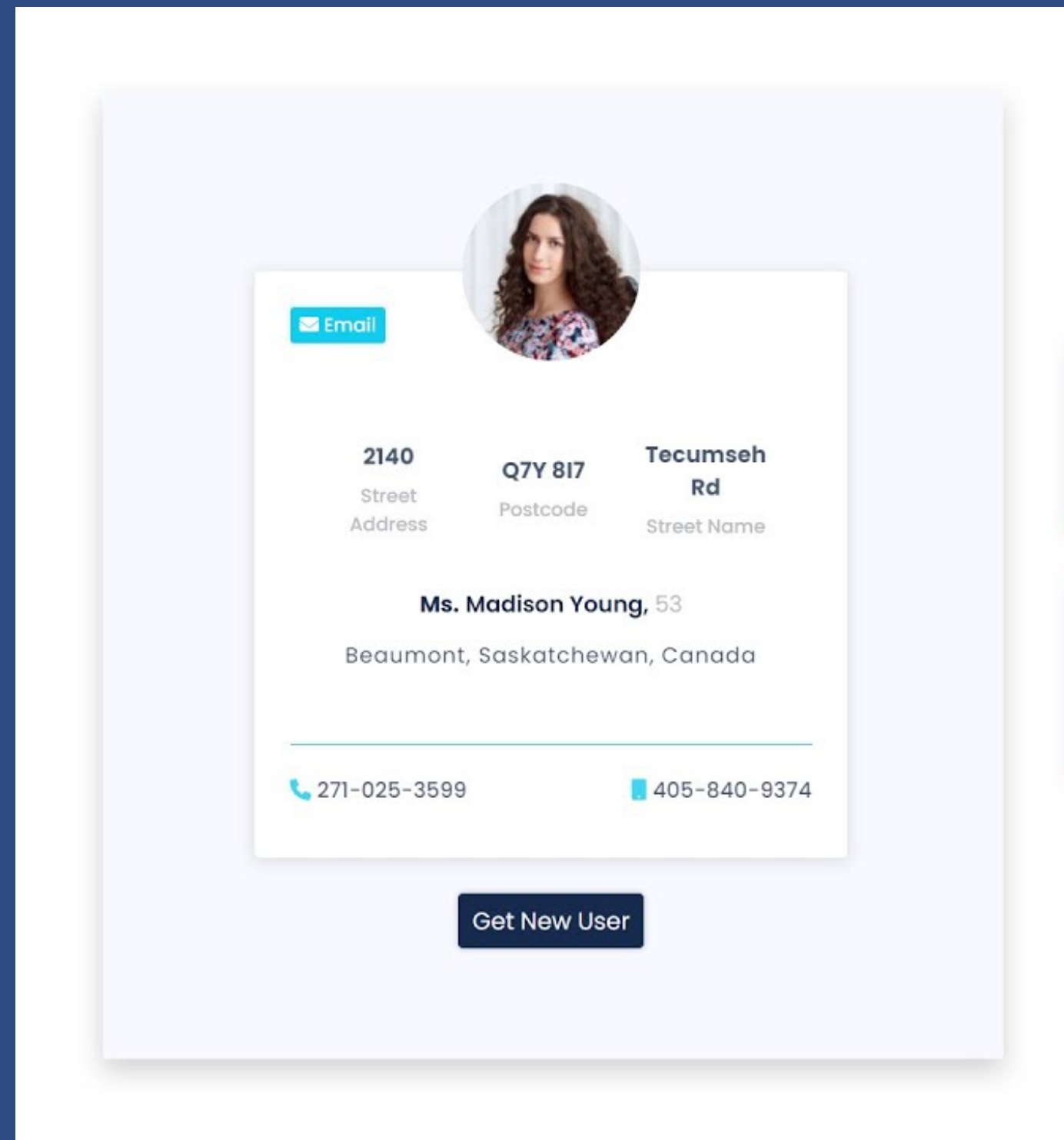


# The useState() Hook



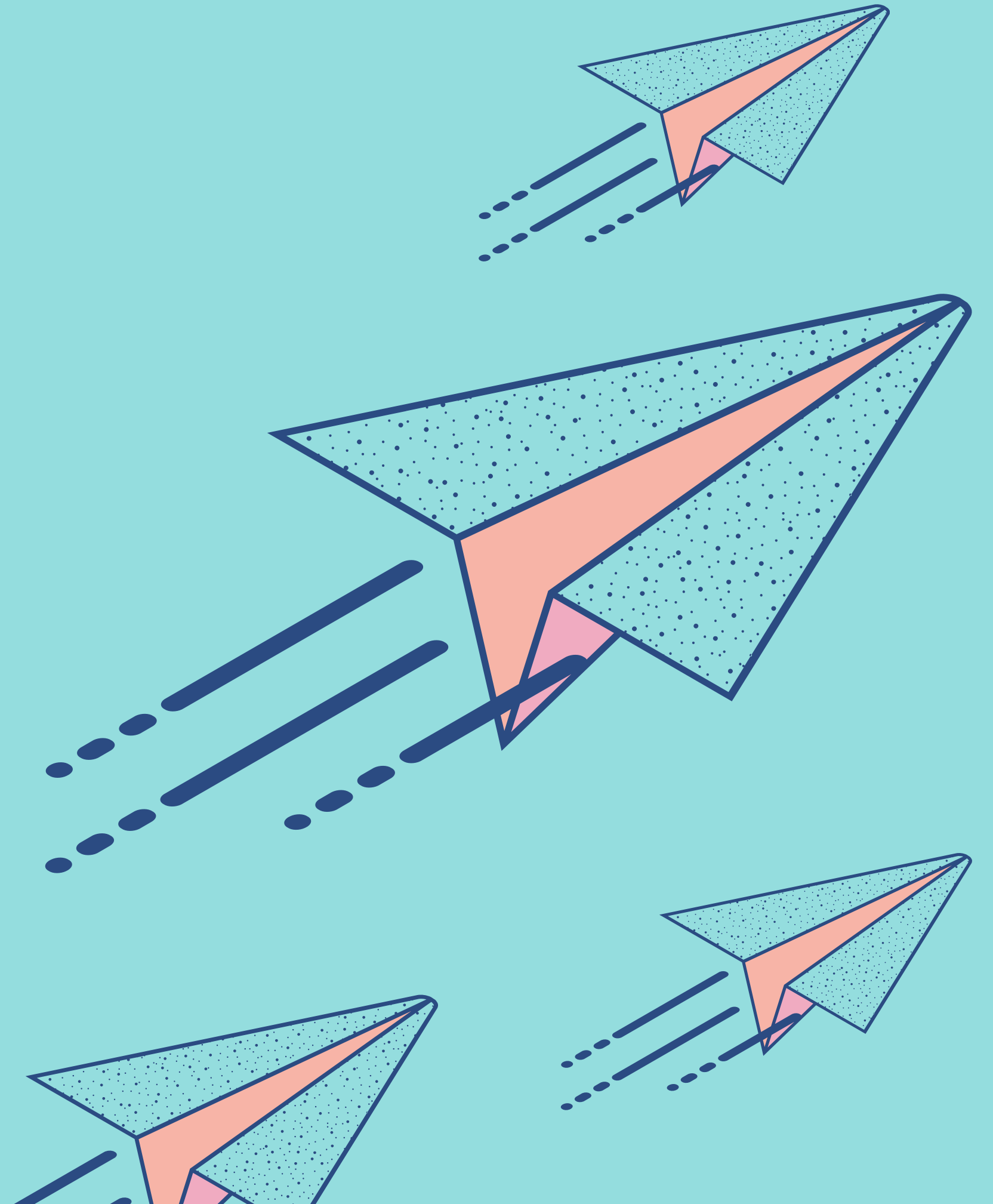
A screenshot of a web application demonstrating the useState() hook. The interface is white and contains the following elements:

- A large black number **0** at the top center.
- Three dark teal buttons with white text: **Increment**, **Decrement**, and **Reset**, arranged horizontally below the counter.
- An input field with a light gray border containing the number **10**.
- A dark teal button with white text labeled **Add** positioned to the right of the input field.



# The useEffect() Hook

**Do you have  
any questions?**





# React Project

## Our Menu

[All](#)[Breakfast](#)[Lunch](#)[Shakes](#)[Dinner](#)

### Buttermilk Pancakes \$15.99

I'm baby woke mlkshk wolf bitters live-edge blue bottle, hammock freegan copper mug whatever cold-pressed



### Diner Double \$13.99

vaporware iPhone mumblecore selvage raw denim slow-carb leggings gochujang helvetica man braid jianbing. Marfa thundercats



### Godzilla Milkshake \$6.99

ombucha chillwave fanny pack 3 wolf moon street art photo booth before they sold out organic viral.



### Country Delight \$20.99

Shabby chic keffiyeh neutra snackwave pork belly shoreditch. Prism austin mlkshk truffaut,



### Egg Attack \$22.99

franken vegan pabst bicycle rights kickstarter pinterest meditation farm-to-table 90's pop-up



### Oreo Dream \$18.99

Portland chicharrones ethical edison bulb, palo santo craft beer chia heirloom iPhone everyday



### Bacon Overflow \$8.99

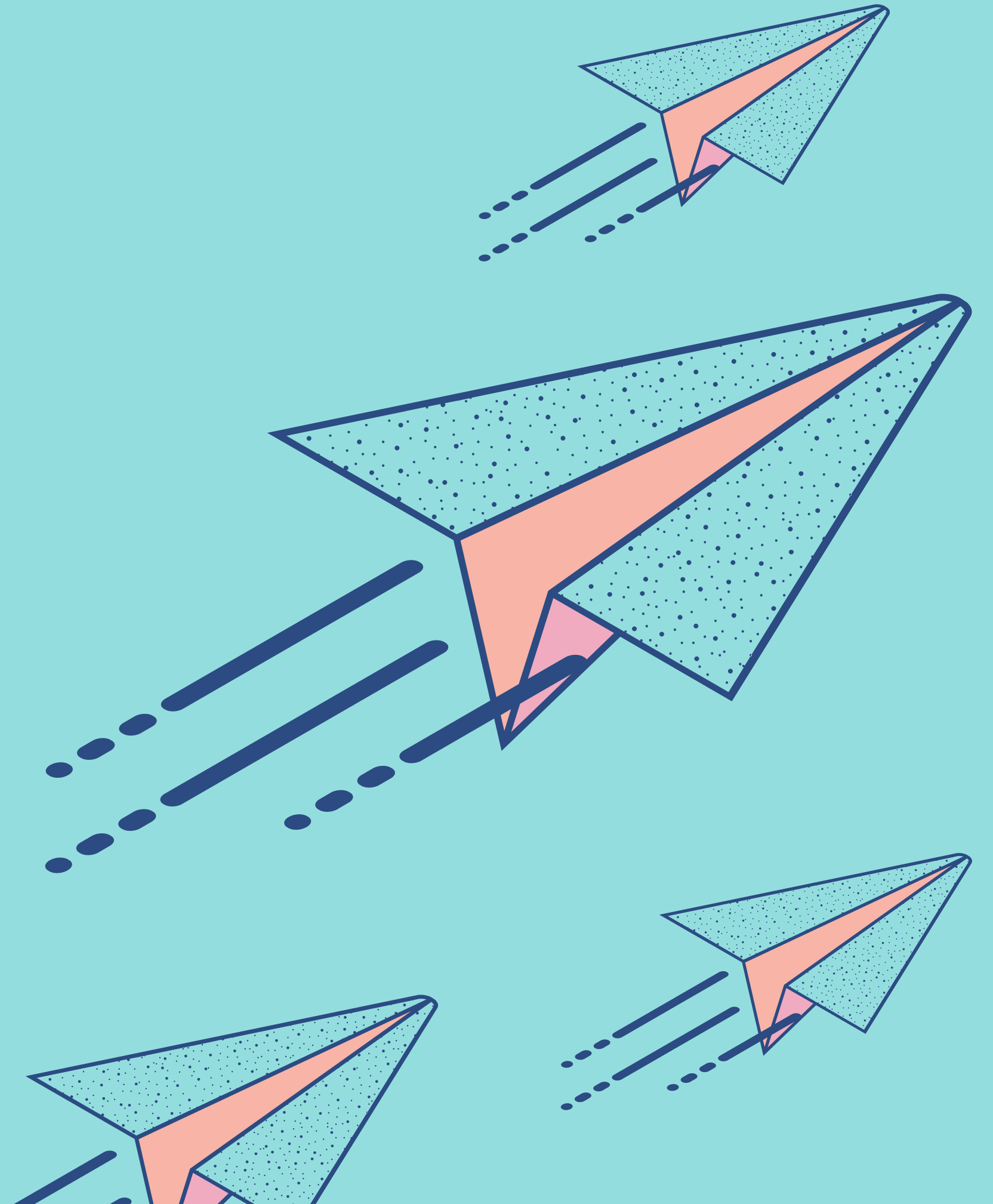
carry jianbing normcore freegan. Viral single-origin coffee live-edge, pork belly cloud bread iceland put a bird



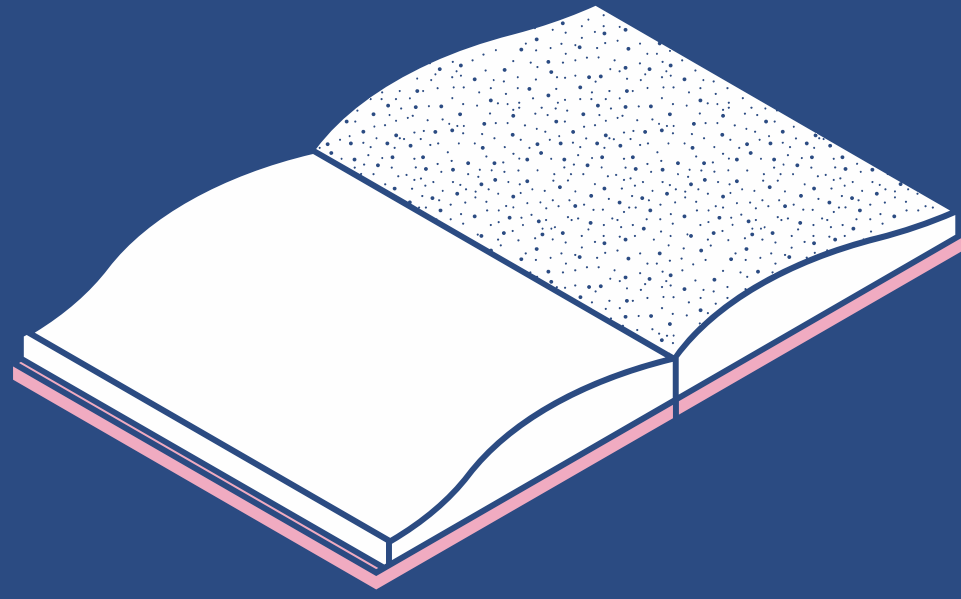
### American Classic \$12.99

on it tumblr kickstarter thundercats migas everyday carry squid palo santo leggings. Food truck truffaut

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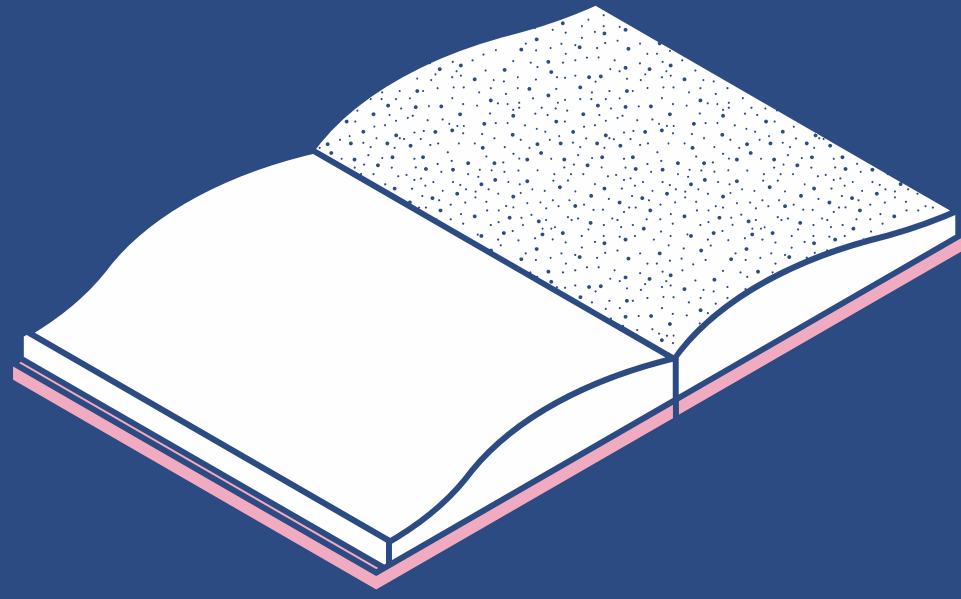






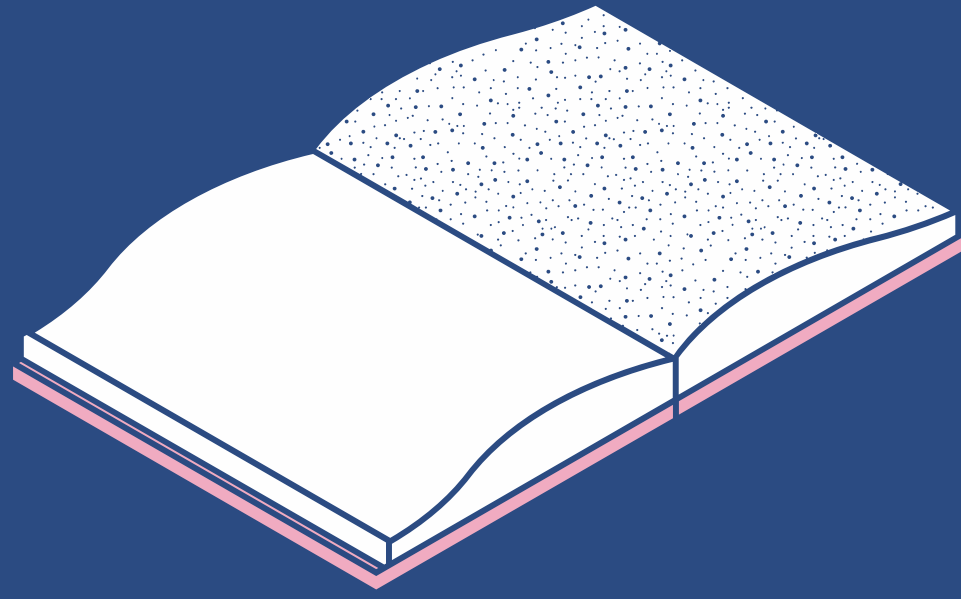
## What is the role of the props object in React components?

- 1.To manage component state
- 2.To pass data from parent to child components
- 3.To define the component structure
- 4.To handle asynchronous operations



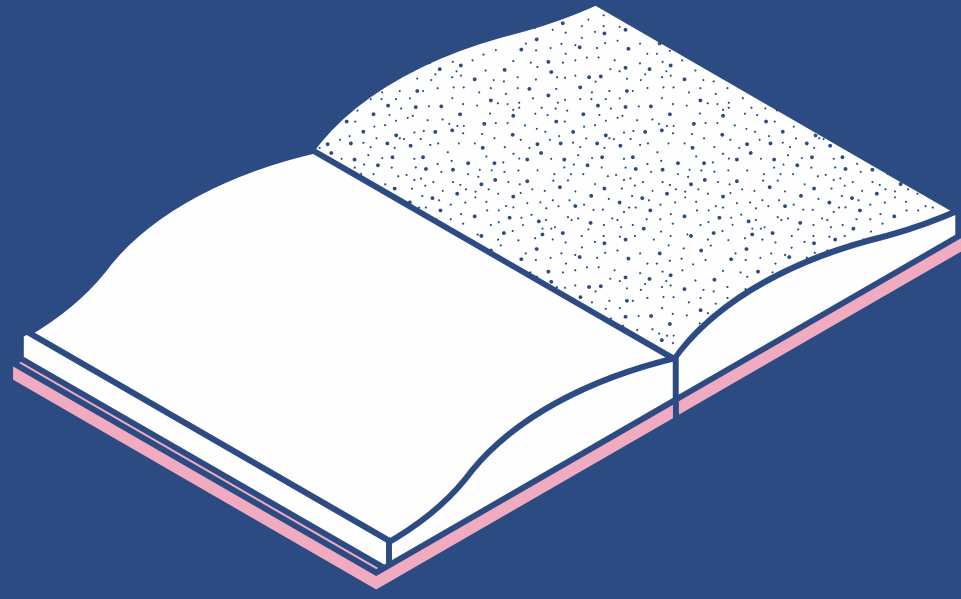
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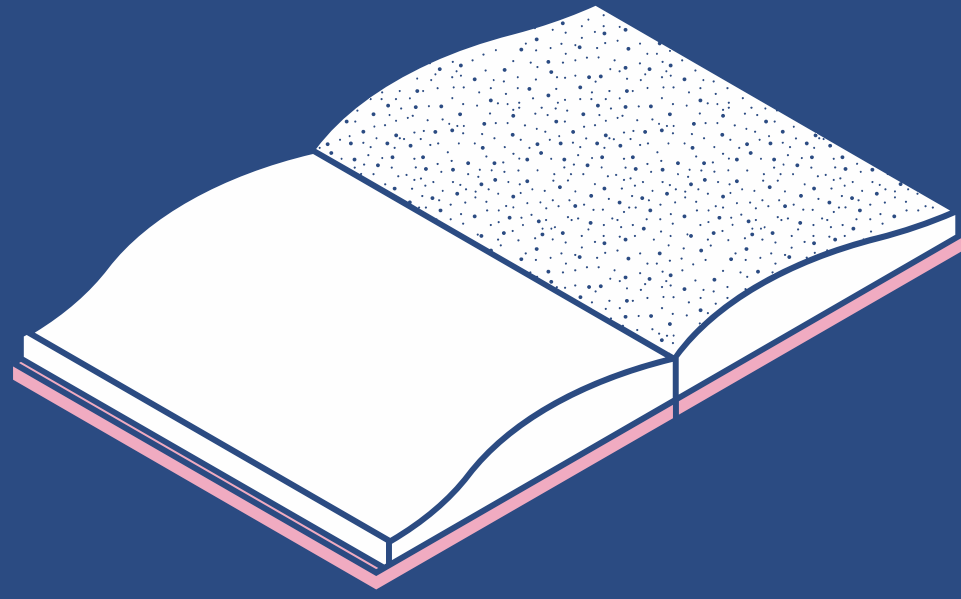
## What is the primary purpose of the `setState` method in React?

1. To set the initial state of a component
2. To define the structure of a component
3. To fetch data from an API
4. To update the state of a component



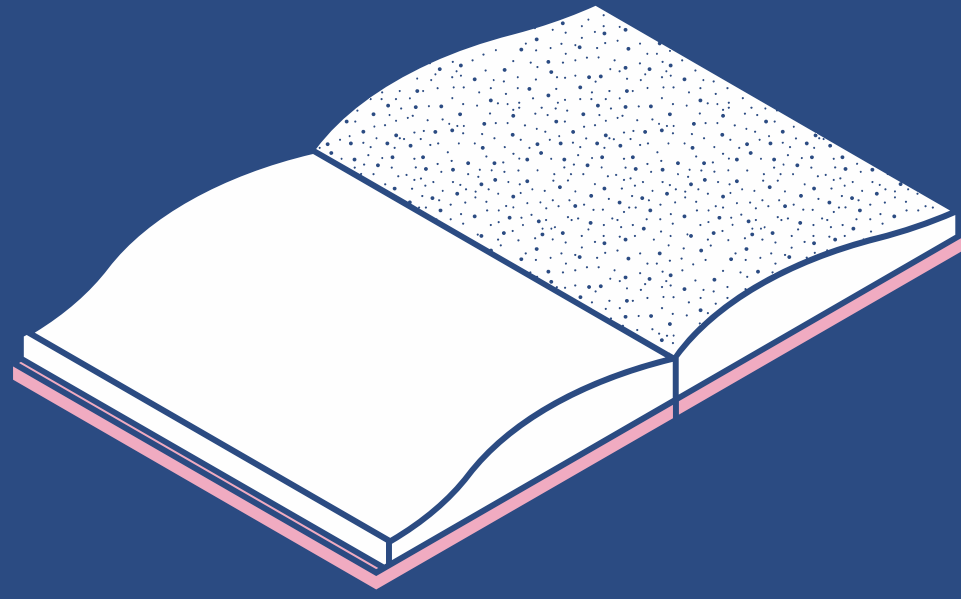
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**Which of the following is the correct way to conditionally render content in React?**

1. Using the ternary operator inside the JSX
2. Using the if statement inside the JSX
3. Using the switch statement inside the JSX
4. Using the for loop inside the JSX



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