



BLACKBUCK
ENGINEERS



The MERN Development Lab

Session 16 - React Hooks

BY AQUIB AJANI



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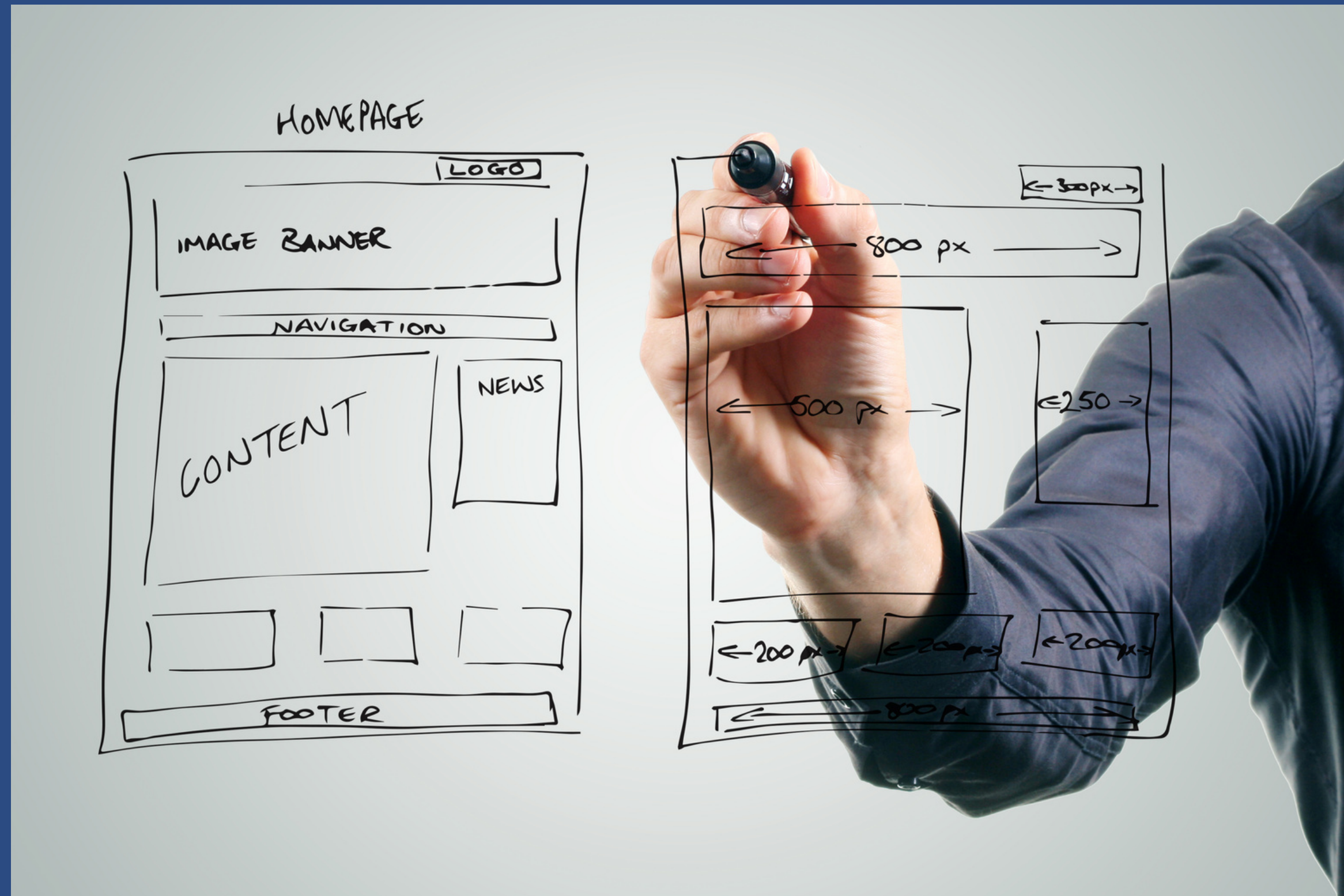


GitHub
Repository

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

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Nesting React components



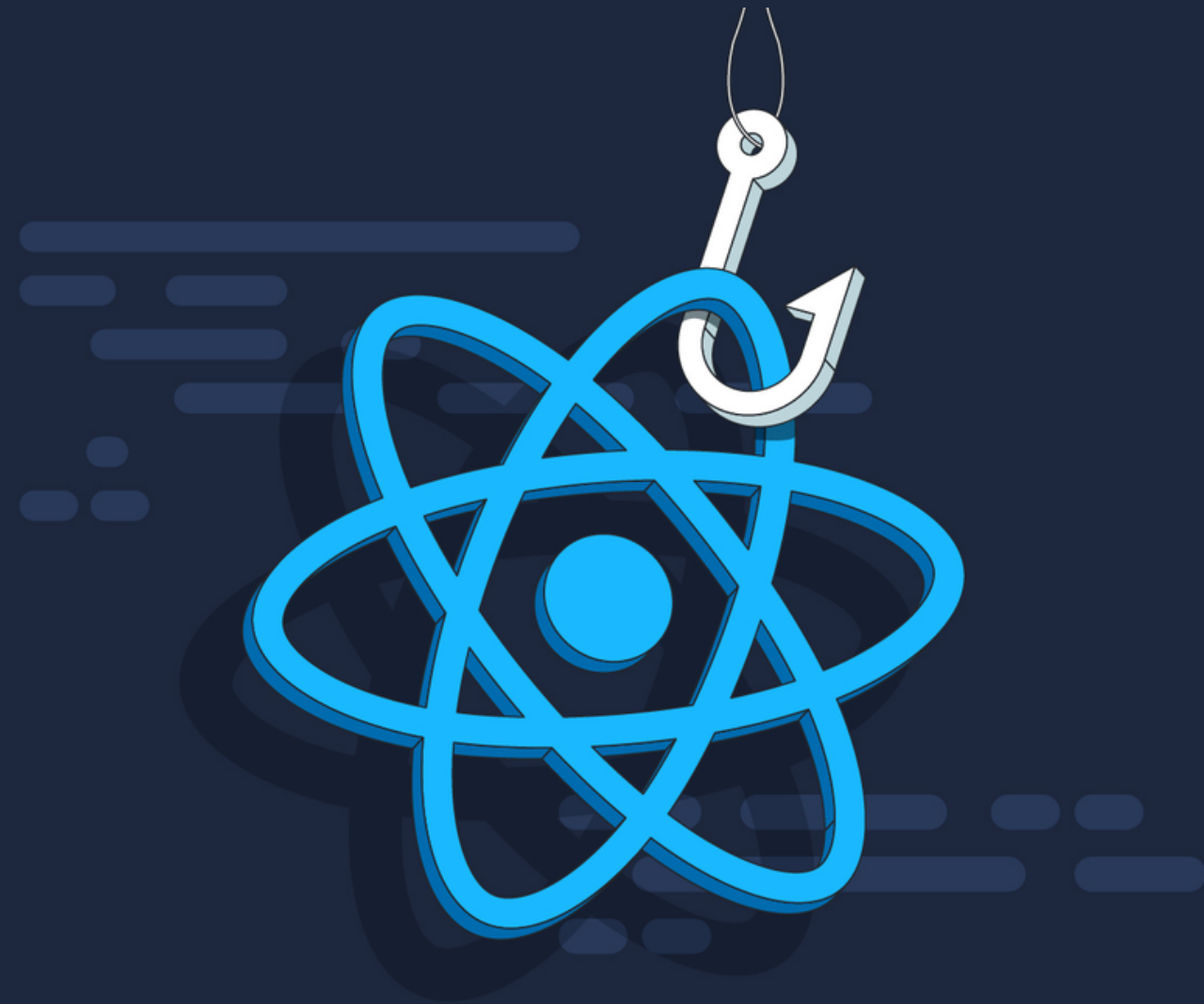
Passing Values as Props



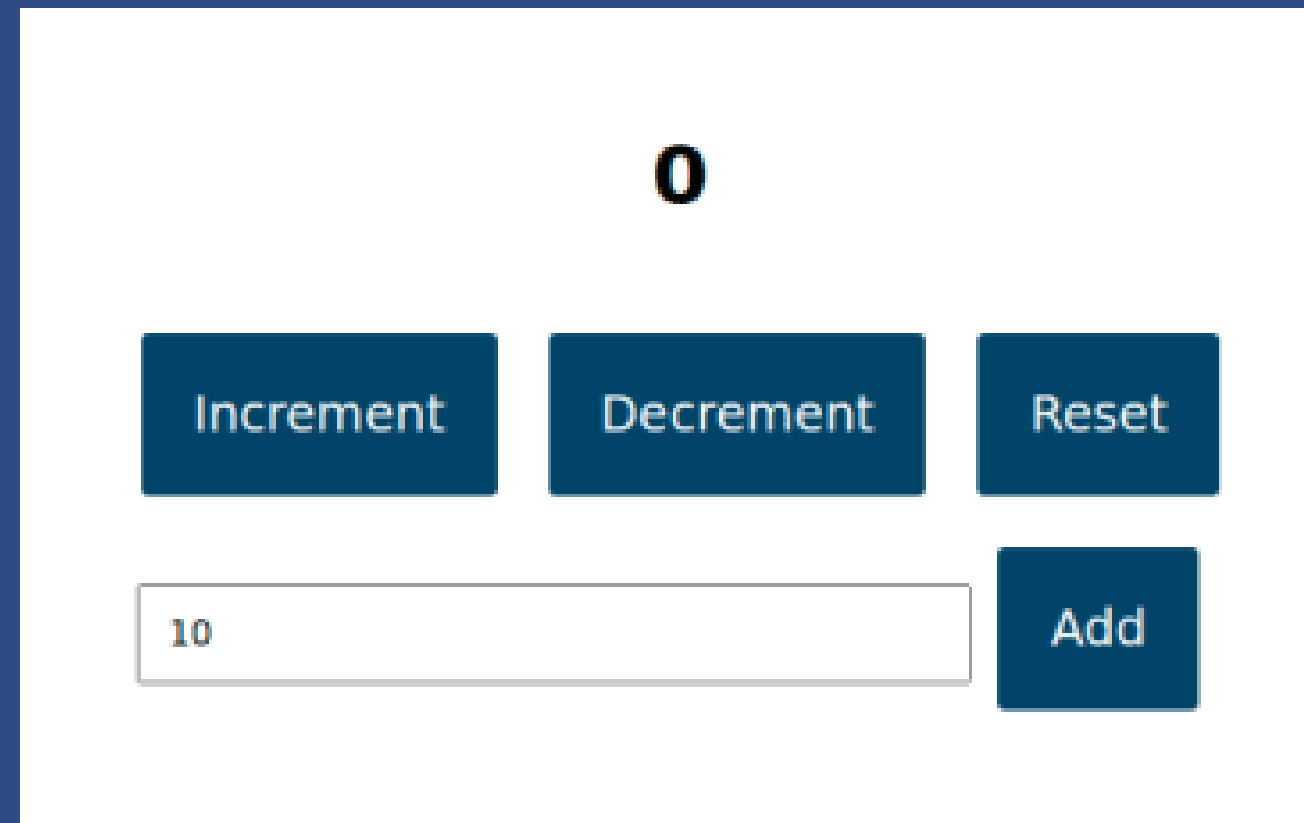
Linking with React Router



What are React Hooks?



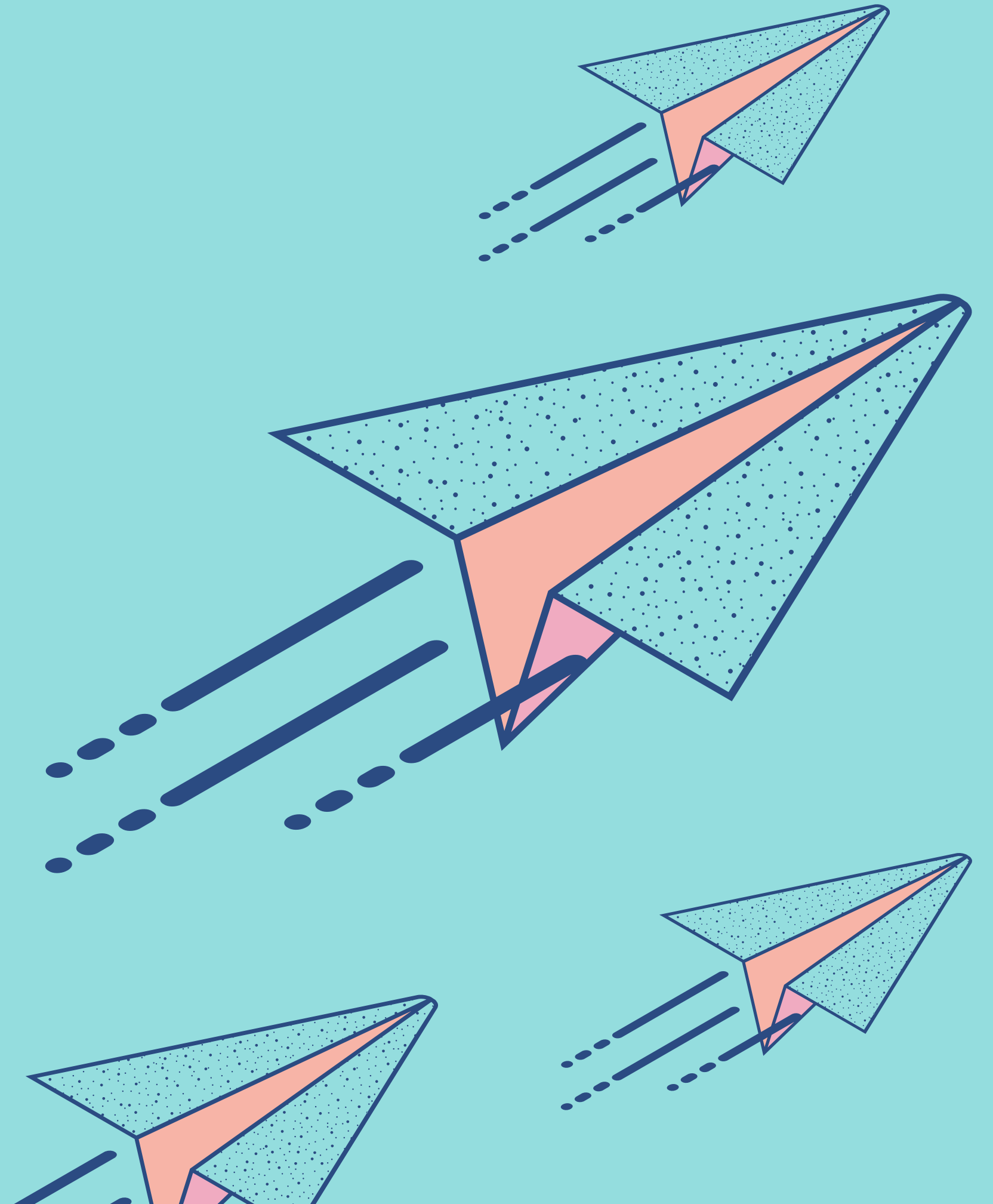
The useState() Hook

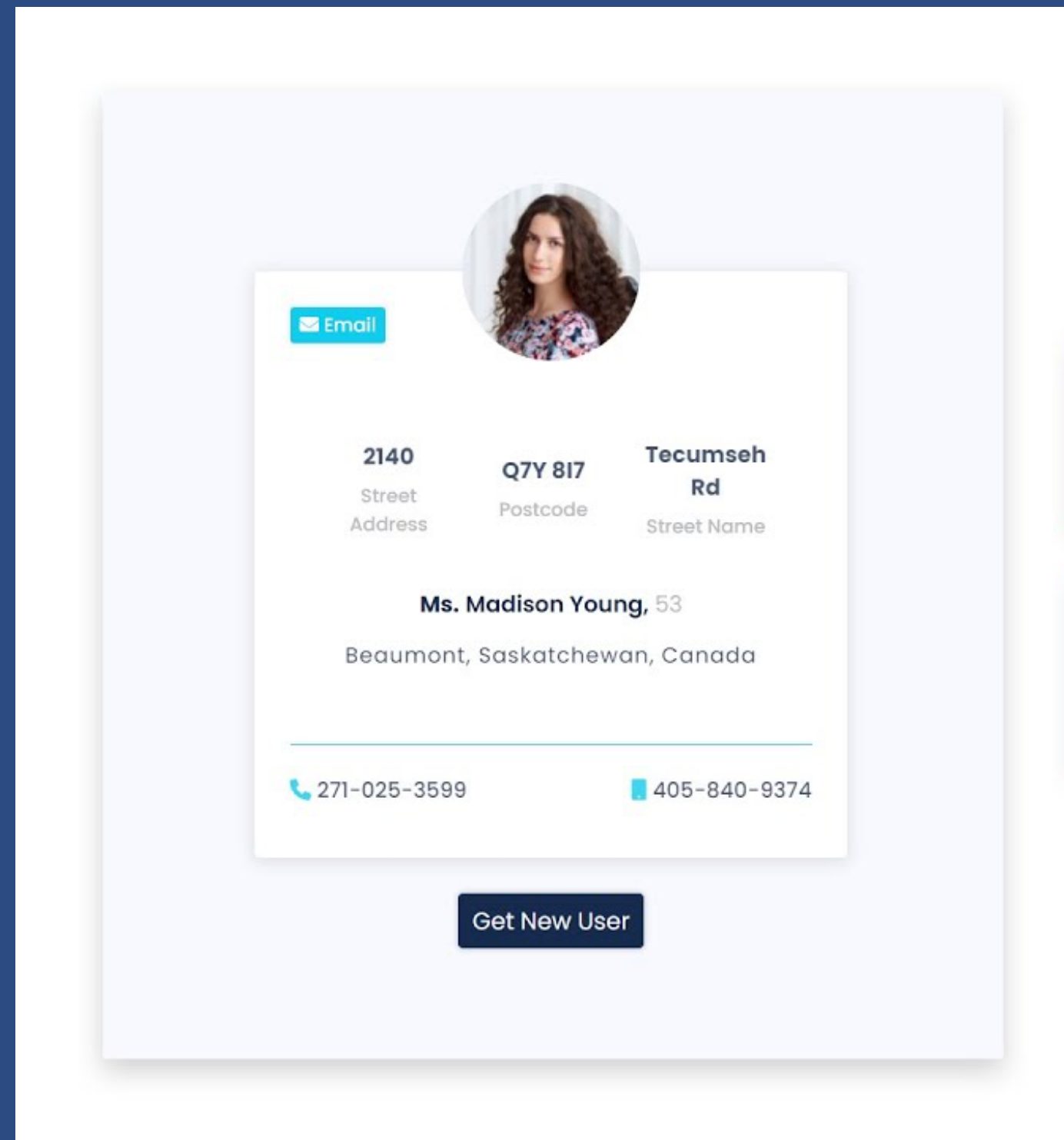


A screenshot of a web application demonstrating the useState() hook. The interface is white and contains the following elements:

- A large black number **0** at the top center.
- Three dark teal buttons with white text: **Increment**, **Decrement**, and **Reset**, arranged horizontally.
- 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.

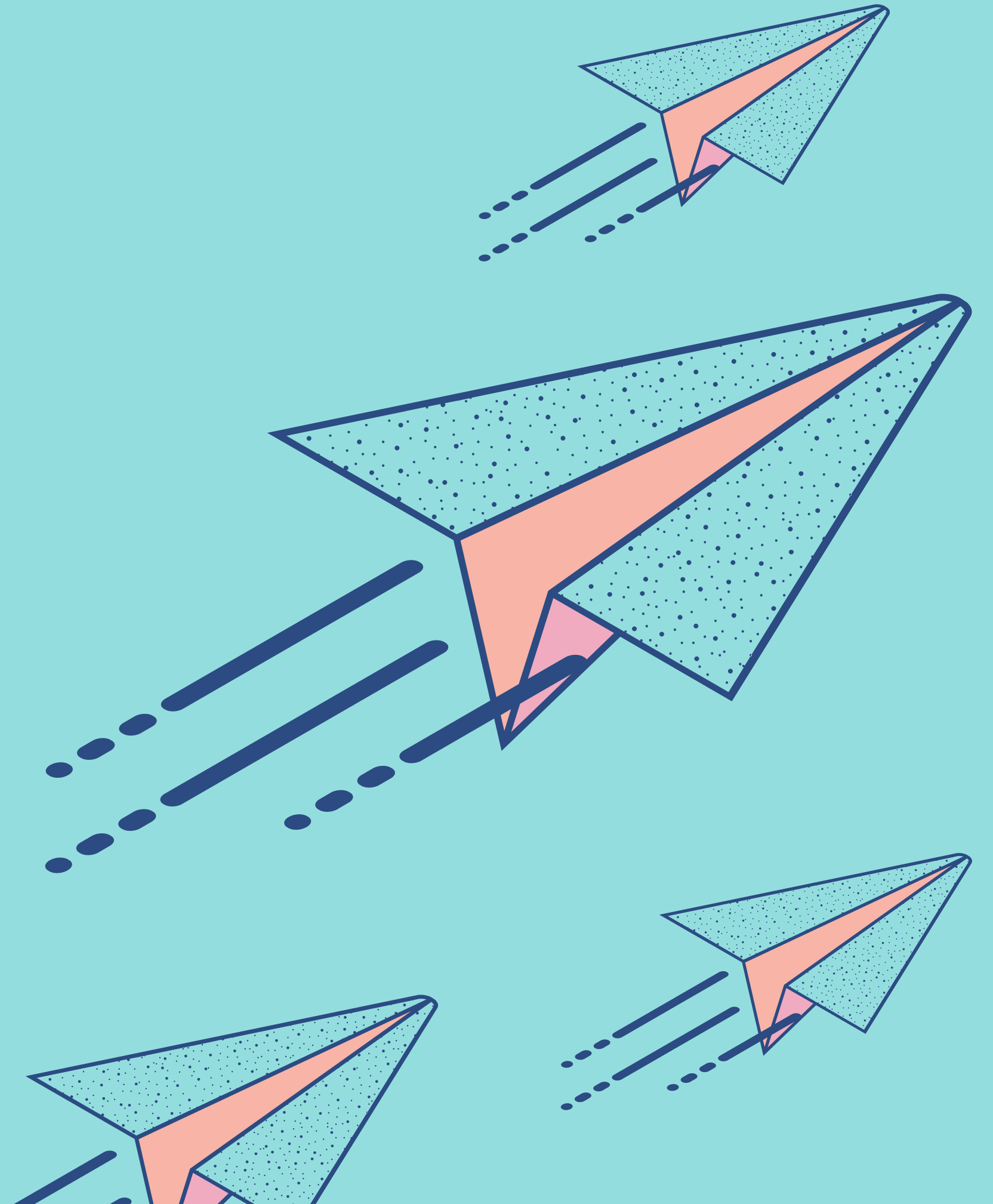
**Do you have
any questions?**

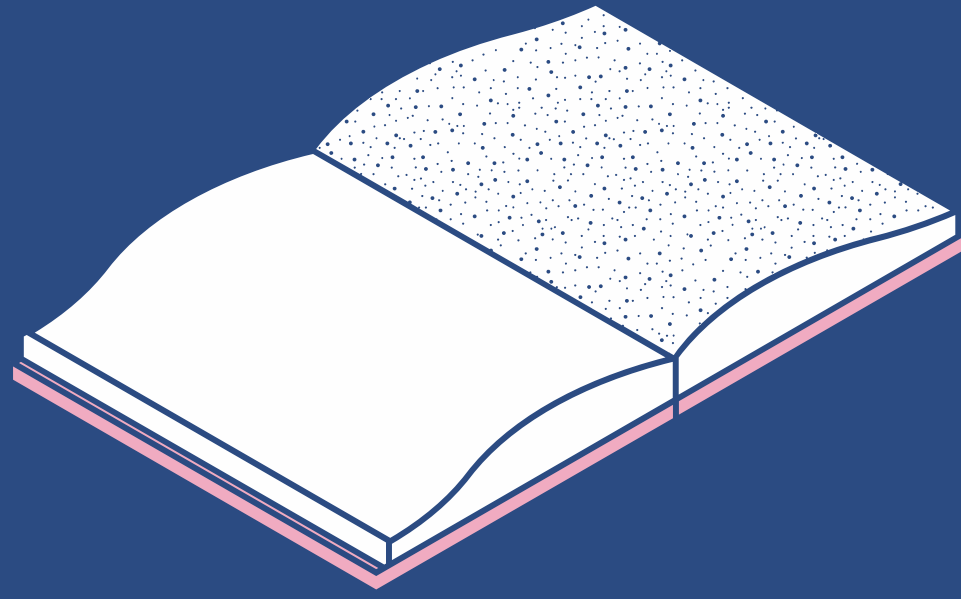




The useEffect() Hook

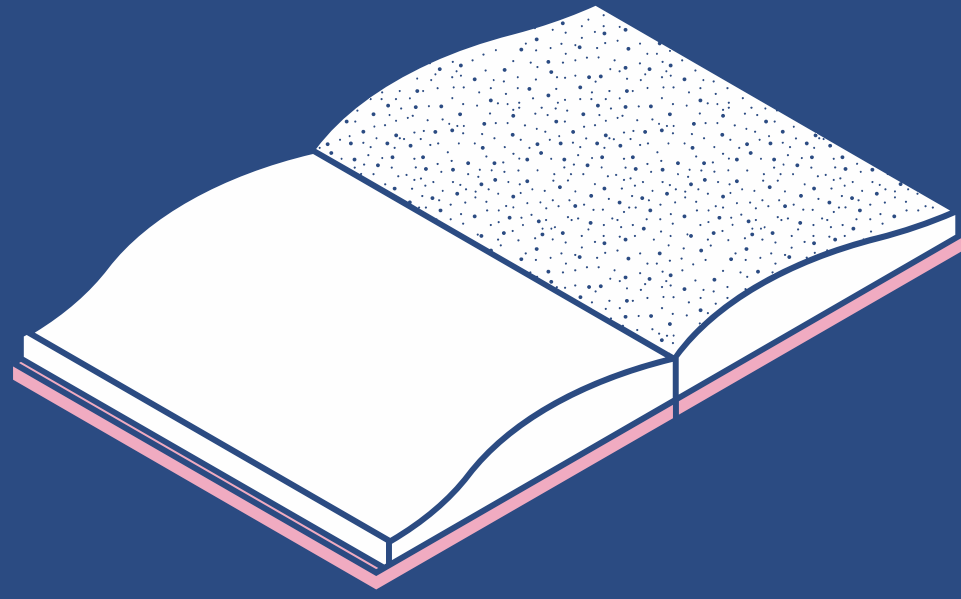
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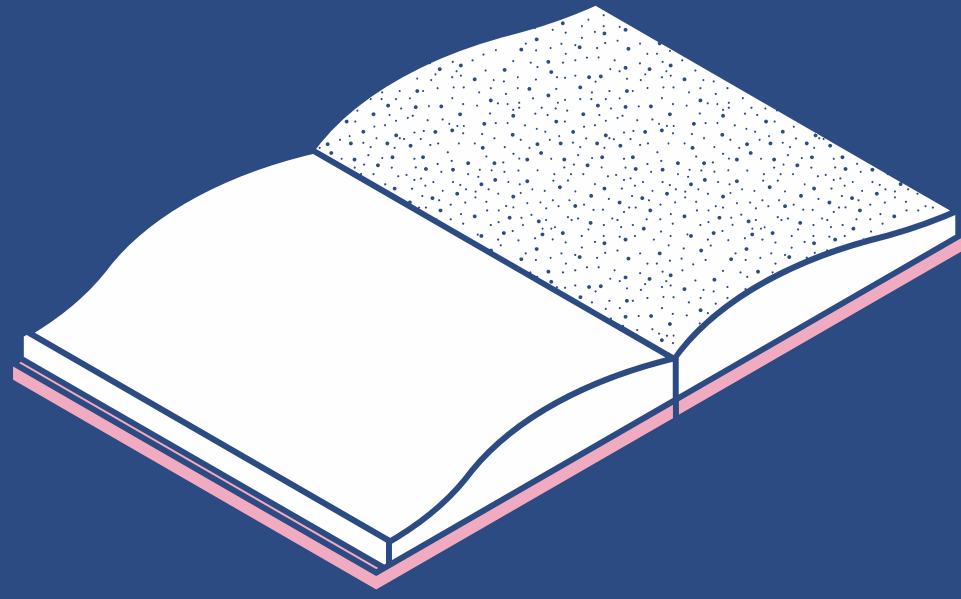
What is the purpose of the `useState` hook in React?

1. To create a state variable in functional components.
2. To handle side effects in functional components.
3. To define lifecycle methods in functional components.
4. To create a class component.



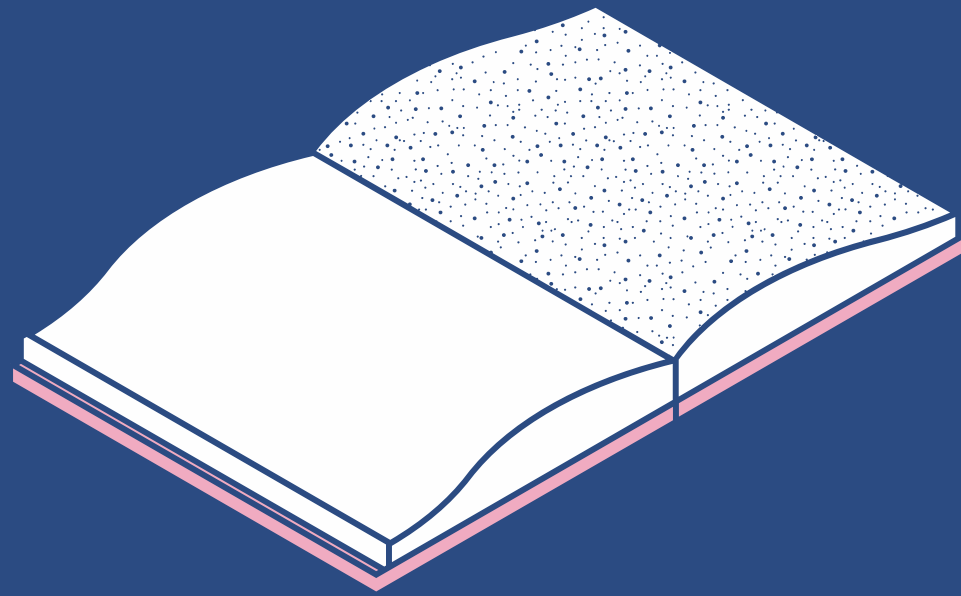
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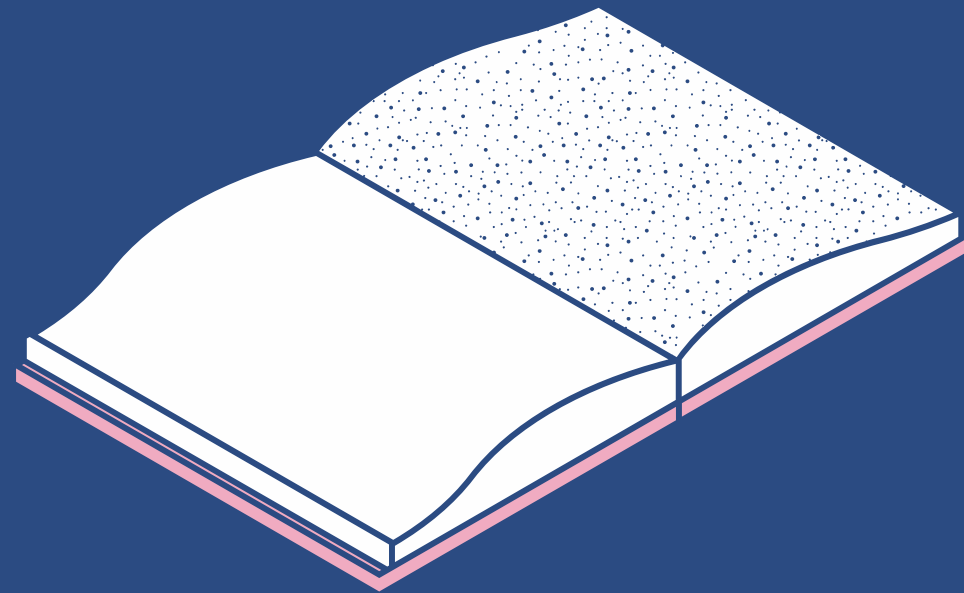
In the useEffect hook, when does the callback function run by default?

1. Before the component renders
2. After every render
3. Only on the initial render
4. When the state is updated



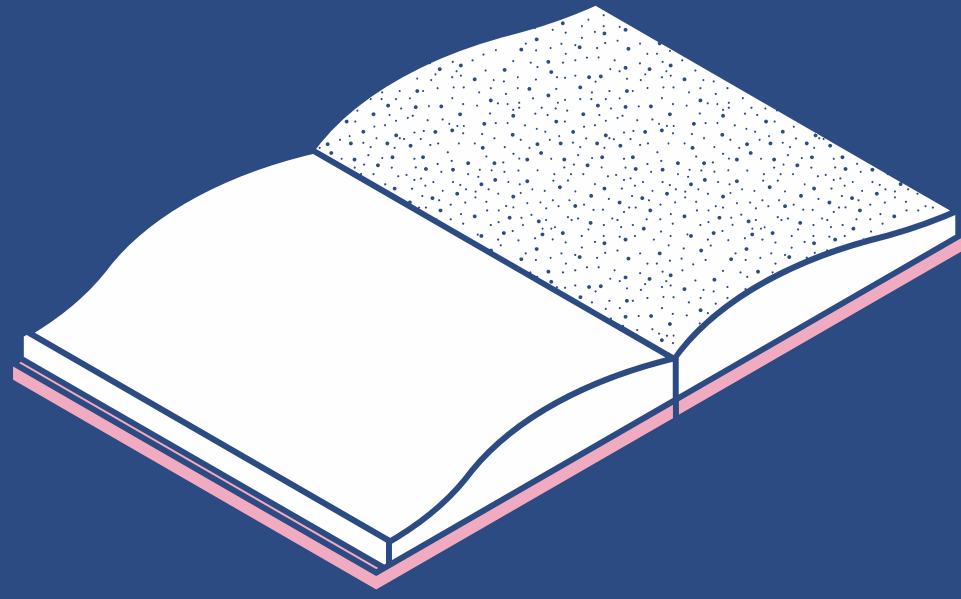
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Which hook is used for handling asynchronous operations in functional components?

1. `useState`
2. `useEffect`
3. `usePromise`
4. `useAsyncEffect`



Which hook is used for handling asynchronous operations in functional components?

1. useState
2. **useEffect**
3. usePromise
4. useAsyncEffect