Using the State Hook

Hooks are a new addition in React 16.8. They let you use state and other React features without writing a class.

The introduction page used this example to get familiar with Hooks:

```
import React, { useState } from 'react';

function Example() {
  // Declare a new state variable, which we'll
call "count"
  const [count, setCount] = useState(0);

  return (
    <div>
      <p>You clicked {count} times</p>
      <button onClick={() => setCount(count +
1)}>
        Click me
      </button>
    </div>
  );
}
```

We'll start learning about Hooks by comparing this code to an equivalent class example.

Equivalent Class Example

If you used classes in React before, this code should look familiar:

INSTALLATION
MAIN CONCEPTS
ADVANCED GUIDES
API REFERENCE
HOOKS
1. Introducing Hooks
2. Hooks at a Glance
3. Using the State Hook
4. Using the Effect Hook
5. Rules of Hooks
6. Building Your Own Hooks
7. Hooks API Reference
8. Hooks FAQ
TESTING
CONTRIBUTING
FAQ

INSTALLATION

MAIN CONCEPTS

ADVANCED GUIDES

API REFERENCE

HOOKS

1. Introducing Hooks
2. Hooks at a Glance
3. **Using the State Hook**
4. Using the Effect Hook
5. Rules of Hooks
6. Building Your Own Hooks
7. Hooks API Reference
8. Hooks FAQ

TESTING

CONTRIBUTING

FAQ

this:

INSTALLATION

MAIN CONCEPTS

ADVANCED GUIDES

API REFERENCE

HOOKS

1. Introducing Hooks
2. Hooks at a Glance
3. **Using the State Hook**
4. Using the Effect Hook
5. Rules of Hooks
6. Building Your Own Hooks
7. Hooks API Reference
8. Hooks FAQ

TESTING

CONTRIBUTING

FAQ

components. We'll learn other Hooks later.

INSTALLATION

MAIN CONCEPTS

ADVANCED GUIDES

API REFERENCE

HOOKS

1. Introducing Hooks
2. Hooks at a Glance
3. **Using the State Hook**
4. Using the Effect Hook
5. Rules of Hooks
6. Building Your Own Hooks
7. Hooks API Reference
8. Hooks FAQ

TESTING

CONTRIBUTING

FAQ

```
const [count, setCount] = useState(0);
```

INSTALLATION

MAIN CONCEPTS

ADVANCED GUIDES

API REFERENCE

HOOKS

1. Introducing Hooks
2. Hooks at a Glance
3. **Using the State Hook**
4. Using the Effect Hook
5. Rules of Hooks
6. Building Your Own Hooks
7. Hooks API Reference
8. Hooks FAQ

TESTING

CONTRIBUTING

FAQ

We declare a state variable called `count`, and set it to `0`.

INSTALLATION

MAIN CONCEPTS

ADVANCED GUIDES

API REFERENCE

HOOKS

1. Introducing Hooks
2. Hooks at a Glance
3. **Using the State Hook**
4. Using the Effect Hook
5. Rules of Hooks
6. Building Your Own Hooks
7. Hooks API Reference
8. Hooks FAQ

TESTING

CONTRIBUTING

FAQ

Updating State

INSTALLATION

MAIN CONCEPTS

ADVANCED GUIDES

API REFERENCE

HOOKS

1. Introducing Hooks
2. Hooks at a Glance
3. **Using the State Hook**
4. Using the Effect Hook
5. Rules of Hooks
6. Building Your Own Hooks
7. Hooks API Reference
8. Hooks FAQ

TESTING

CONTRIBUTING

FAQ

- **Line 1:** We import the `useState` Hook from React. It

INSTALLATION

MAIN CONCEPTS

ADVANCED GUIDES

API REFERENCE

HOOKS

1. Introducing Hooks
2. Hooks at a Glance
3. **Using the State Hook**
4. Using the Effect Hook
5. Rules of Hooks
6. Building Your Own Hooks
7. Hooks API Reference
8. Hooks FAQ

TESTING

CONTRIBUTING

FAQ

returned by `useState`, and `setFruit` is the second. It is

INSTALLATION

MAIN CONCEPTS

ADVANCED GUIDES

API REFERENCE

HOOKS

1. Introducing Hooks
2. Hooks at a Glance
3. **Using the State Hook**
4. Using the Effect Hook
5. Rules of Hooks
6. Building Your Own Hooks
7. Hooks API Reference
8. Hooks FAQ

TESTING

CONTRIBUTING

FAQ

INSTALLATION

MAIN CONCEPTS

ADVANCED GUIDES

API REFERENCE

HOOKS

1. Introducing Hooks
2. Hooks at a Glance
3. **Using the State Hook**
4. Using the Effect Hook
5. Rules of Hooks
6. Building Your Own Hooks
7. Hooks API Reference
8. Hooks FAQ

TESTING

CONTRIBUTING

FAQ

components, and is similar to lifecycle methods in classes.

INSTALLATION

MAIN CONCEPTS

ADVANCED GUIDES

API REFERENCE

HOOKS

1. Introducing Hooks
2. Hooks at a Glance
3. **Using the State Hook**
4. Using the Effect Hook
5. Rules of Hooks
6. Building Your Own Hooks
7. Hooks API Reference
8. Hooks FAQ

TESTING

CONTRIBUTING

FAQ