

Que):Create a class component called Counter that displays a button and a counter value. When the button is clicked, the counter should increment by one. For example, create a class component called Counter. It has a state variable count initialized to 0. When the button is clicked, the handleIncrement method is called, updating the state to increment the count by one. The updated state triggers a re-render of the component, and the updated count is displayed on the screen.

ANS:

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

class Counter extends Component {

  constructor(props) {

    super(props);

    this.state = {

      count: 0

    };

  }

  handleIncrement = () => {

    this.setState((prevState) => ({

      count: prevState.count + 1

    }));

  };

  render() {

    return (

      <div>

        <h1>Counter Value: {this.state.count}</h1>

        <button onClick={this.handleIncrement}>Increment</button>

      </div>

    );

  }

}
```

```
}
```

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}
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```
export default Counter;
```