

Counter App (Cric Score)

App.js

```
import './App.css';
import CricScore from './components/CricScore';

function App() {
  return (
    <div>
      <CricScore />
    </div>
  );
}

export default App;
```

CricScore.js

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

export class CricScore extends Component {
  constructor(props) {
    super(props);

    this.state = {
      score: 0,
      wickets: 0,
      balls: 0,
      overs: 0,
    };
  }

  changeBalls = () => {
    if ((this.state.balls + 1) % 6 === 0) {
      this.setState((prevState) => ({
        ...prevState,
        overs: this.state.overs + 1,
      }));
    }
    this.setState((prevState) => ({
      ...prevState,
      balls: (this.state.balls + 1) % 6,
    }));
  };

  changeScore = (value, countBall) => {
    this.setState((prevState) => ({

```

```

        ...prevState,
        score: this.state.score + value,
    }));
    countBall && this.changeBalls();
};

handleClick = (e) => {
    const id = e.target.id;
    switch (id) {
        case "2":
            this.changeScore(2);
            break;
        case "3":
            this.changeScore(3);
            break;
        case "4":
            this.changeScore(4);
            break;
        case "6":
            this.changeScore(6);
            break;
        case "1":
            this.changeScore(1);
            break;
        case "No Ball":
            this.changeScore(1, false);
            break;
        case "Wide":
            this.changeScore(1, false);
            break;
        case "Wicket":
            this.setState(prevState => ({...prevState, wickets:
this.state.wickets + 1}));
            break;
        case "0":
            this.changeBalls();
            break;

        default:
            break;
    }
};

render() {
    return (
        <div style={{ textAlign: "center" }}>

```

```

    <h1>Score Board : Cricket</h1>
    <h2>
      Score : {this.state.score} / {this.state.wickets}
    </h2>
    <h2>
      Overs : {this.state.overs}.{this.state.balls}{" "}
    </h2>
    <div>
      <button id="0" onClick={this.handleClick}>
        0
      </button>
      <button id="1" onClick={this.handleClick}>
        1
      </button>
      <button id="2" onClick={this.handleClick}>
        2
      </button>
      <button id="3" onClick={this.handleClick}>
        3
      </button>
      <button id="4" onClick={this.handleClick}>
        4
      </button>
      <button id="6" onClick={this.handleClick}>
        6
      </button>
      <button id="Wide" onClick={this.handleClick}>
        Wide
      </button>
      <button id="No Ball" onClick={this.handleClick}>
        No Ball
      </button>
      <button id="Wicket" onClick={this.handleClick}
disabled={this.state.wickets>9? true : false}>
        Wicket
      </button>
    </div>
  </div>
);
}
}

export default CricScore;

```