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| Subject code & Name | : | **CSE304 &**  **Full Stack Development** | Practical | : | **5** | Academic Year | : | **2024-25** |

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| **Task - 5** |
| **Aim** |
| Create a calculator React app involves several steps, from setting up the React environment to implementing the logic for basic arithmetic operations. Here's a detailed explanation of creating a simple calculator app with addition, subtraction, multiplication, and division capabilities. |
| **Code** |
| Practical\_5.js  import React, { useState } from 'react';  function Calculator() {  const [input, setInput] = useState('');  const [result, setResult] = useState('');  const handleButtonClick = (value) => {  if (value === '=') {  try {  setResult(eval(input));  } catch (e) {  setResult('Error');  }  } else if (value === 'DEL') {  setInput(input.slice(0, -1));  } else if (value === 'C') {  setInput('');  setResult('');  } else {  setInput(input + value);  }  };  return (  <div className="calculator">  <div className="display">  <div className="result">{result}</div>  <div className="input">{input}</div>  </div>  <div className="buttons">  {['/', '\*', '+', '-', 'DEL', '1', '2', '3', '4', '5', '6', '7', '8', '9', '0', '.', '=', 'C'].map((button) => (  <button key={button} onClick={() => handleButtonClick(button)}>  {button}  </button>  ))}  </div>  </div>  );  }  export default Calculator;  App.js  import './App.css';  import Calculator from './components/Practical\_5';  function App() {  return (  <div className="App">  <Calculator/>  </div>  );  }  export default App; |
| **Output** |
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| **Signature :** |