

Experiment - 3.1

Name - Akash

UID - 23BCC70039

Subject - Full Stack

Title

ProductCard Component Using Props

Objective

Build a reusable React component that displays product details using props. This task helps you understand how to pass and render dynamic data in React components.

Code Implementation(React on 'PlayCode'):

```
import React from "react";

import ReactDOM from "react-dom/client";

// Reusable ProductCard Component

const ProductCard = ({ name, price, inStock }) => {

  const cardStyle = {

    border: "1px solid #ccc",

    borderRadius: "12px",

    padding: "16px",

    margin: "12px",

    width: "200px",

    textAlign: "center",

    boxShadow: "2px 2px 8px rgba(0,0,0,0.1)"
```

```
};
```

```
const stockStyle = {  
  color: inStock ? "green" : "red",  
  fontWeight: "bold"  
};
```

```
return (  
  <div style={cardStyle}>  
    <h2>{name}</h2>  
    <p>Price: ₹ {price}</p>  
    <p style={stockStyle}>{inStock ? "In Stock" : "Out of Stock"}</p>  
  </div>  
);  
};
```

```
// Main App Component
```

```
const App = () => {  
  return (  
    <div style={{ display: "flex", justifyContent: "center", flexWrap: "wrap" }}>  
      <ProductCard name="Laptop" price={65000} inStock={true} />  
      <ProductCard name="Smartphone" price={25000} inStock={false} />  
      <ProductCard name="Headphones" price={2999} inStock={true} />  
    </div>  
  );  
};
```

```
    <ProductCard name="Keyboard" price={1499} inStock={true} />

  </div>

);

};

// Render to the DOM

const root = ReactDOM.createRoot(document.getElementById("root"));

root.render(<App />);
```

Output

