EXPERIMENT 3.1

AIM:

ProductCard Component Using Props

CODE:

```
<!DOCTYPE html>
<html lang="en">
<head>
 <meta charset="UTF-8">
 <meta name="viewport" content="width=device-width, initial-scale=1.0">
 <title>Product Card Example</title>
 <style>
  .card {
   width: 250px;
   border: 1px solid #ddd;
   border-radius: 12px;
   padding: 16px;
   margin: 10px;
   box-shadow: 0 4px 6px rgba(0,0,0,0.1);
   transition: 0.3s;
  }
  .card:hover {
   box-shadow: 0 6px 12px rgba(0,0,0,0.2);
  }
  .card img {
   width: 100%;
   border-radius: 10px;
  }
  .card h2 {
   font-size: 18px;
```

```
    margin: 10px 0 5px;
   }
   .card p {
    color: #555;
    font-size: 14px;
   }
   .price {
    color: green;
    font-weight: bold;
    font-size: 16px;
   }
   .btn {
    margin-top: 8px;
    background: blue;
    color: white;
    padding: 8px 12px;
    border: none;
    border-radius: 6px;
    cursor: pointer;
   }
   .btn:hover {
    background: darkblue;
   }
  </style>
</head>
<body>
  <div id="product-list" style="display:flex; flex-wrap:wrap;"></div>

  <script>
   // ProductCard component function
   function ProductCard({ image, name, description, price }) {
```

```
  const card = document.createElement("div");
  card.className = "card";

  card.innerHTML = `
    <img src="${image}" alt="${name}">
    <h2>${name}</h2>
    <p>${description}</p>
    <p class="price">₹${price}</p>
    <button class="btn">Add to Cart</button>
  `;

  return card;
}

// Example products
const products = [
  {
    image: "https://via.placeholder.com/250",
    name: "Wireless Headphones",
    description: "Noise cancellation and long battery life.",
    price: 2999
  },
  {
    image: "https://via.placeholder.com/250",
    name: "Smart Watch",
    description: "Track fitness and sleep easily.",
    price: 4999
  }
];

// Render product cards
```

```
    const productList = document.getElementById("product-list");
    products.forEach(product => {
      productList.appendChild(ProductCard(product));
    });
  </script>
</body>
</html>
```

OUTPUT: