	<b>Course Name: Advanced Web Technology</b>	<b>EXPERIMENT NO. 6</b>	
	<b>Course Code: 20CP314P</b> <b>Faculty: Komal Singh</b>	<b>Branch: CSE</b>	<b>Semester: VI</b>
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Objective: Working with properties in React

Experiment 6:

- In the commercial furniture web-application add products with information like image, price, color, manufacturer using react props.
- Add default values for all the furniture properties which are displayed in absence of corresponding information.

Hint: At least 3 products should be displayed excluding the default results.

Note: Please include snapshots of all commands, terminal sessions, localhost outputs with necessary steps.

```
// src/pages/Products.js
import React from 'react';
import './PageStyles.css';
import elegantSofa from '../images/elegant_sofa.jpg';
import classicWoodenChair from '../images/classic_wooden_chair.png';
import modernCoffeeTable from '../images/modern_coffee_table.png';
import luxuryBed from '../images/luxury_bed.png';
import genericChair from "../images/generic_chair.jpg"

const products = [
  {
    id: 1,
    name: "Elegant Sofa",
    price: 499.99,
    color: "Gray",
    manufacturer: "Comfy Home",
    imageUrl: elegantSofa
  },
  {
    id: 2,
    name: "Classic Wooden Chair",
    price: 249.99,
```

```
    color: "Brown",
    manufacturer: "Wood Crafters",
    imageUrl: classicWoodenChair
  },
  {
    id: 3,
    name: "Modern Coffee Table",
    price: 299.99,
    color: "Black",
    manufacturer: "Table Trends",
    imageUrl: modernCoffeeTable
  },
  {
    id: 4,
    name: "Luxury Bed",
    price: 899.99,
    color: "White", // Suppose we want to demonstrate a missing color and manufacturer
    imageUrl: luxuryBed
  },
  {
    id: 5,
    name: "Generic Chair",
    price: 99.99
    imageUrl: genericChair
  }
];

function ProductCard({ product }) {
  return (
    <div className="product-card">
      <img src={product.imageUrl} alt={product.name} />
      <h3>{product.name}</h3>
      <p>${product.price} || 'Price not available'</p>
      <p>Color: {product.color} || 'Color not specified'</p>
      <p>Manufacturer: {product.manufacturer} || 'Manufacturer unknown'</p>
    </div>
  );
}

function Products() {
  return (
    <div className="container">
      <h1>Our Products</h1>
      <div className="product-grid">
        {products.map(product => (
          <ProductCard key={product.id} product={product} />
        ))}
      </div>
    </div>
  );
}
```

```
export default Products;
```

```
PageStyling.Css
```

```
/* src/pages/PageStyles.css */
```

```
body, html {
```

```
  margin: 0;
```

```
  padding: 0;
```

```
  font-family: 'Arial', sans-serif;
```

```
  background-color: #f4f4f9;
```

```
  color: #333;
```

```
}
```

```
nav {
```

```
  background-color: #007bff;
```

```
  padding: 10px 20px;
```

```
}
```

```
nav ul {
```

```
  list-style-type: none;
```

```
  padding: 0;
```

```
  margin: 0;
```

```
  display: flex;
```

```
  justify-content: center;
```

```
}
```

```
nav ul li {
```

```
  margin: 0 15px;
```

```
}
```

```
nav a {
```

```
  color: white;
```

```
  text-decoration: none;
```

```
  font-size: 18px;
```

```
  font-weight: bold;
```

```
}
```

```
nav a:hover {
```

```
  text-decoration: underline;
```

```
}
```

```
.container {
```

```
  width: 90%;
```

```
  max-width: 1200px;
```

```
  margin: 20px auto;
```

```
  padding: 20px;
```

```
  background-color: #fff;
```

```
  border-radius: 8px;
```

```
  box-shadow: 0 2px 5px rgba(0,0,0,0.1);
```

```
}
```

```
.grid, .product-grid {
```

```
  display: grid;
```

```
  grid-template-columns: repeat(auto-fill, minmax(300px, 1fr)); /* Adjust min value if necessary */
```

```
  gap: 20px;
```

```
}
```

```
.product-card {
```


```
  background-color: #f9f9f9;
```

```
padding: 15px;
border-radius: 8px;
box-shadow: 0 2px 5px rgba(0,0,0,0.1);
text-align: center;
display: flex;
flex-direction: column;
}
.product-card img {
width: 100%;
height: auto; /* Maintain aspect ratio */
object-fit: cover; /* Adjust this to 'contain' if you don't want images to be cropped */
margin-bottom: 15px; /* Adds space between the image and the text below */
}
.feature, .testimonial {
background-color: #f9f9f9;
padding: 15px;
border-radius: 8px;
text-align: center;
box-shadow: 0 2px 5px rgba(0,0,0,0.1);
}
.testimonial blockquote {
border-left: 5px solid #007bff;
font-style: italic;
}
.review-form {
margin-top: 20px;
}
.review-form label, .review-form input, .review-form select, .review-form textarea, .review-form
button {
width: 100%;
}
.review-form label {
display: block;
margin-top: 10px;
}
.review-form input, .review-form select, .review-form textarea {
padding: 8px;
margin-top: 5px;
border-radius: 4px;
border: 1px solid #ccc;
}
.review-form button {
background-color: #007bff;
color: white;
padding: 10px 20px;
margin-top: 20px;
border: none;
border-radius: 4px;
cursor: pointer;
}
```

```
.review-form button:hover {
  background-color: #0056b3;
}
footer {
  text-align: center;
  padding: 20px;
  background-color: #007bff;
  color: white;
  position: fixed;
  left: 0;
  bottom: 0;
  width: 100%;
}
```

HomeProductsCustomer Review

### Our Products




**Elegant Sofa**

\$499.99

Color: Gray

Manufacturer: Comfy Home




**Classic Wooden Chair**

\$249.99

Color: Brown

Manufacturer: Wood Crafters




**Modern Coffee Table**

\$299.99

Color: Black

Manufacturer: Table Trends




**Luxury Bed**

\$899.99

Color: White

Manufacturer: Manufacturer unknown



**Generic Chair**

\$99.99

Color: Color not specified

Manufacturer: Manufacturer unknown