

App.js

```
import React, { useEffect, useState } from "react";

function App() {

  const [products, setProducts] = useState([]);
  const [loading, setLoading] = useState(true);
  const [error, setError] = useState(null);

  useEffect(() => {
    const fetchProducts = async () => {
      try {
        const response = await fetch("https://fakestoreapi.com/products");
        if (!response.ok) {
          throw new Error("Network response was not ok");
        }
        const data = await response.json();
        setProducts(data);
      } catch (error) {
        setError(error.message);
      } finally {
        setLoading(false);
      }
    };

    fetchProducts();
  }, []);

  if (loading) {
```

```
    return <div>Loading...</div>;  
  }
```

```
  if (error) {  
    return <div>Error: {error}</div>;  
  }
```

```
  return (  
    <div className="product-listing">  
      <h1>Product Listing</h1>  
      <div className="products">  
        {products.map((product) => (  
          <div key={product.id} className="product-card">  
            <img  
              src={product.image}  
              alt={product.title}  
              style={{ width: "150px", height: "150px" }}  
            />  
            <h2 style={{ fontSize: "1.2em", margin: "10px 0" }}>  
              {product.title}  
            </h2>  
            <p style={{ fontWeight: "bold" }}>${product.price.toFixed(2)}</p>  
            <p className="category">{product.category}</p>  
            <button  
              style={{  
                padding: "10px",  
                backgroundColor: "#28a745",  
                color: "#fff",
```

```

        border: "none",
        borderRadius: "5px",
        cursor: "pointer",
    }}
    >
    Add to Cart
</button>
</div>
)}}
</div>
</div>
);
}

```

```
export default App;
```

Style.css

```

.product-listing{
    max-width: 1200px;
    margin: 20px auto;
    padding: 30px;
    background-color: #f9f9f9;
    border-radius: 8px;
    box-shadow: 0 4px 10px rgba(0, 0, 0, 0.1);
}

```

```
.products{
```

```
display: grid;
grid-template-columns: repeat(
  auto-fill,
  minmax(250px, 1fr)
);
gap: 20px;
}
```

```
.product-card {
border: 1px solid #ddd;
border-radius: 8px;
padding: 15px;
text-align: center;
box-shadow: 0 4px 10px rgba(0, 0, 0, 0.15);
transition: transform 0.3s, box-shadow 0.3s;
background-color: #ffffff;
}
```

```
.product-card:hover {
transform: translateY(-5px);
box-shadow: 0 6px 15px rgba(0, 0, 0, 0.2);
}
```

```
.product-card img {
border-radius: 8px;
max-width: 100%;
height: auto;
}
```

```

.category{
  font-style: italic;
  color: #777;
  margin-top: 5px;
  font-size: 0.9rem;
}

```

