

**App.js code:**

```
import React from 'react';  
  
import Navbar from './components/Navbar';  
  
import Footer from './components/Footer';  
  
import Products from './components/Products';
```

```
function App() {  
  return (  
    <div>  
      <Navbar />  
      <Products />  
      <Footer />  
    </div>  
  );  
}
```

```
export default App;
```

**css code:**

```
* {  
  box-sizing: border-box;  
  padding: 0;  
  margin: 0;  
}
```

```
.navbar {  
  width: 100%;  
  height: 10vh;  
  background-color: black;  
  display: flex;  
  align-items: center;
```

```
justify-content: space-between; /* Adjust for spacing */  
color: white;  
padding: 10px;  
font-weight: bold;  
}
```

```
.products-container {  
width: 100%;  
min-height: auto; /* Change to auto */  
display: grid;  
grid-template-columns: repeat(4, 1fr);  
justify-items: center;  
margin-top: 20px; /* Add some top margin */  
margin-bottom: 20px; /* Add some bottom margin */  
}
```

```
.card {  
display: flex;  
align-items: center;  
justify-content: center;  
flex-direction: column;  
margin: 20px 0;  
}
```

```
img {  
width: 250px;  
height: 250px;  
transition: all 0.3s ease;  
}
```

```
img:hover {
```

```
transform: scale(1.1);  
}
```

```
.footer {  
  width: 100%;  
  height: 10vh;  
  background-color: black;  
  display: flex;  
  align-items: center;  
  color: white;  
  justify-content: center;  
  font-size: 19px;  
  font-weight: bold;  
  margin-top: auto; /* Ensure footer is at the bottom */  
}
```

### **Components folder:**

#### **Footer.js code:**

```
import React from 'react';  
import '../App.css';  
  
const Footer = () => {  
  return (  
    <div className='footer'>  
      <p>Shopping App 2024&copy;</p>  
    </div>  
  );  
}  
  
export default Footer;
```

Navbar.js code:

```
import React from 'react';
import '../App.css';

const Navbar = () => {
  return (
    <div className='navbar'>
      <h1>Shopping App</h1>
    </div>
  );
}

export default Navbar;
```

**Product.js code:**

```
import React, { useState, useEffect } from 'react';
import '../App.css';
import axios from 'axios';

const Products = () => {
  const [loading, setLoading] = useState(true); // Set initial state to true
  const [data, setData] = useState([]);

  useEffect(() => {
    axios.get('https://fakestoreapi.com/products')
      .then(res => {
        setData(res.data);
      })
      .catch(e => console.log(e))
      .finally(() => setLoading(false));
  });
}
```

```
}, []);
```

```
return (
```

```
<div className='products-container'>
```

```
{loading && <h1>Loading...</h1>}
```

```
{!loading && data.map((product) => (
```

```
<div className="card" key={product.id}>
```

```
<h2>{product.title}</h2>
```

```
{console.log(product.image)} {/* Log the image URL */}
```

```
<img src={product.image} alt={product.title} />
```

```
<p>{product.category}</p>
```

```
<p>${product.price}</p>
```

```
</div>
```

```
)))
```

```
</div>
```

```
);
```

```
};
```

```
export default Products;
```

output:

