EXERCISE 8

SUHANI

```
import React from "react";

import StringTable from "./StringTable"; // Import StringTable


function App() {

  return (

    <div>

      <h1>Welcome to My Store</h1>

      <StringTable />

    </div>

  );

}


export default App;



import React from 'react';


const StringTable = () => {

  // Updated 2D String Array Data

  const data = [

    ["ID", "Product", "Category", "Price"], // Headers

    ["101", "Laptop", "Electronics", "$1200"],

    ["102", "Chair", "Furniture", "$150"],

    ["103", "Smartphone", "Electronics", "$800"],
```

```jsx
      ["104", "Shoes", "Fashion", "$60"]

    ];


    return (

      <div className="table-container">

        <h2>Product Catalog</h2>

        <table>

          <thead>

            <tr>

              {data[0].map((header, index) => (

                <th key={index}>{header}</th>

              ))}

            </tr>

          </thead>

          <tbody>

            {data.slice(1).map((row, rowIndex) => (

              <tr key={rowIndex}>

                {row.map((cell, cellIndex) => (

                  <td key={cellIndex}>{cell}</td>

                ))}

              </tr>

            ))}

          </tbody>

        </table>

      </div>

    );
```

```
};


export default StringTable;


.table-container {

  max-width: 600px;

  margin: 20px auto;

  text-align: center;

  font-family: Arial, sans-serif;

}


table {

  width: 100%;

  border-collapse: collapse;

  margin-top: 10px;

}


th, td {

  border: 1px solid #ddd;

  padding: 10px;

}


th {

  background-color: #4CAF50;

  color: white;
```

```css
}


tr:nth-child(even) {

  background-color: #f2f2f2;

}


tr:hover {

  background-color: #ddd;

  cursor: pointer;

}
```

Welcome to My Store

Product Catalog

ID	Product	Category	Price
101	Laptop	Electronics	$1200
102	Chair	Furniture	$150
103	Smartphone	Electronics	$800
104	Shoes	Fashion	$60