Practical No:	**23**
Roll No:	**1525**
Title of Program:	**Shopping Cart Application**
Objective	**Design a shopping cart application using react**

Design a shopping cart application using react

SOURCE CODE:

Product.js

```
import React, { Component } from 'react';
import './product.css';
const products = [
{
pr: '□ □',
name: 'ice cream',
price: 50
},
{
pr: '□ □',
name: 'donuts',
price: 190,
},
{
pr: '□ □',
name: 'watermelon',
price: 30
}
```

```
];
class Product extends Component {
  state = {
    cart: [],
    total: 0
  };

  currencyOptions = {
    minimumFractionDigits: 2,
    maximumFractionDigits: 2,
  };

  getTotal = () => {
    return this.state.total.toLocaleString(undefined,
this.currencyOptions);
  };

  add = (product) => {
    this.setState(state => ({
      cart: [...state.cart, product.name],
      total: state.total + product.price
    }));
  };

  remove = (product) => {
    this.setState(state => {
      const cart = [...state.cart];
      cart.splice(cart.indexOf(product.name))
      return ({
        cart,
        total: state.total - product.price
      })
    });
  };

  render() {
```

```
    return (
      <div className="wrapper">
        <div>
          Shopping Cart: {this.state.cart.length} items
        </div>
        <div>Total: {this.getTotal()}</div>
        <div>
          {products.map(product => (
            <div key={product.name}>
              <div className="product">
                <span role="img" aria
label={product.name}>{product.pr}</span>
              </div>
              <button onClick={() => this.add(product)}>Add</button>
              <button onClick={() => this.remove(product)}>Remove</button>
            </div>
          ))}
        </div>
      </div>
    );
  }
}

export default Product;
```

OUTPUT: