

```
export default function cartReducer(state, action) {
  switch(action.type) {
    case 'ADD_TO_CART':
      return {
        items: [...state.items, {...action.payload}],
        total: state.total + action.payload.price,
        quantity: state.quantity + 1
      }
    case 'INCREMENT':
      return state;
    case 'CLEAR_CART':
      return {
        items: [],
        total: 0,
        quantity: 0
      }
    default:
      return state;
  }
}
```

```
const CartContext = createContext();
```

items: [],  
total: 0,  
quantity: 0

①

```
const initialState = {
  items: [],
  total: 0,
  quantity: 0
}
```

```
export default function CartProvider(props) {
  let [state, dispatch] = useReducer(cartReducer, initialState)

  return (
    <CartContext.Provider value={{...state}}>
      {props.children}
    </CartContext.Provider>
  )
}
```

③

items: [],  
total: 0,  
quantity: 0

2

