

```
import product.a.Product;
```

```
public class Cart {  
    private int customerId;  
    private int nProducts;  
    private Product[] products;  
  
    public Cart(int customerId, int nProducts, Product[] products) {  
        this.customerId = Math.abs(customerId);  
        this.nProducts = Math.abs(nProducts);  
        this.products = products;  
    }  
  
    public int getCustomerId() {  
        return customerId;  
    }  
  
    public void setCustomerId(int customerId) {  
        this.customerId = Math.abs(customerId);  
    }  
  
    public int getNProducts() {  
        return nProducts;  
    }  
}
```

```
public void setNProducts(int nProducts) {  
    this.nProducts = Math.abs(nProducts);  
}
```

```
public Product[] getProducts() {  
    return products;  
}
```

```
public void setProducts(Product[] products) {  
    this.products = products;  
}
```

```
public void addProduct(Product product) {  
    // Implement the method to add a product to the cart  
}
```

```
public void removeProduct(Product product) {  
    // Implement the method to remove a product from the cart  
}
```

```
public float calculatePrice() {  
    // Implement the method to calculate the total price of the products in the cart  
    return 0;  
    // Implement the method to calculate the total price of the products in the cart  
}
```

```
public void placeOrder() {  
    // Implement the method to place an order for the products in the cart  
}  
}
```