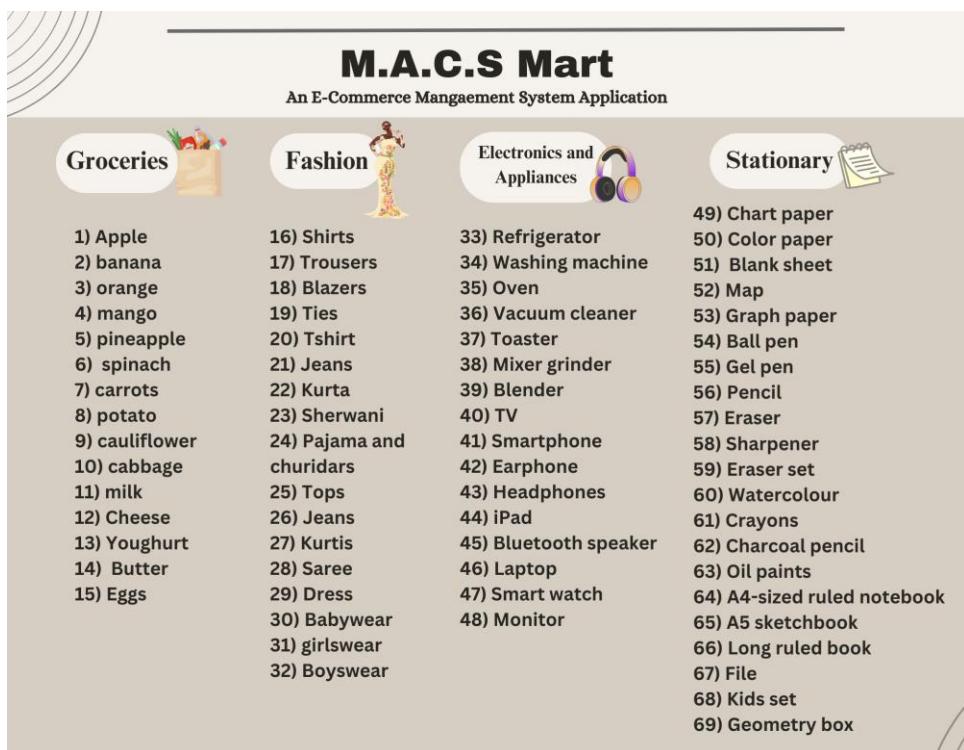


M.A.C.S. Mart

An E-Commerce Management System

Roll numbers:

- 1) Chaitali Kulkarni- UCE2023634**
- 2) Snehal Meshram- UCE2023642**
- 3) Anjali Mhetre- UCE2023643**
- 4) Mitali Gawai- UCE2023644**



Code:

```
package miniproject;  
import java.util.Scanner;
```

```
import java.util.ArrayList;

public class Main {

    public static void main(String[] args)
    {
        Scanner sc = new Scanner(System.in);

        String cphone=null;
        ShoppingCart cart = new ShoppingCart();
        Mart mart = new Mart();

        System.out.println("*****SIGN UP*****");
        System.out.println("Enter your name: ");
        String cname = sc.nextLine();

        do {
            try
            {
                System.out.println("Enter your Phone number (10 digits): ");
                cphone = sc.nextLine();
                if (cphone.length() != 10)
                {
                    /* System.out.println("Error.Try Again!");
                    System.out.println("Tip: The phone number should be of 10 digits.");*/
                    throw new Exception("Error.Try Again!\nTip: The phone number should be of 10 digits.");
                }
                else
                {
                    mart.display_menu(cart);
                }
            }
        }
```

```
        }

    catch(Exception e)

    {

        System.out.println(e.getMessage());

    }

} while (cphone.length() != 10);

//mart.display_menu(cart);

}

}

class Mart {

    Scanner scanner = new Scanner(System.in);

    void display_menu(ShoppingCart cart) {

        int choice;

        do {

            System.out.println("Welcome to M.A.C.S. MART! \n Menu:");

            System.out.println("1. Groceries");

            System.out.println("2. Fashion");

            System.out.println("3. Appliances and Electronics");

            System.out.println("4. Stationary ");

            System.out.println("5. Exit");

            System.out.print("Enter your choice: ");

            choice = scanner.nextInt();

            switch (choice) {

                case 1:
```

```

    Groceries grocery = new Groceries();
    grocery.display_menu(cart);
    break;

case 2:
    Fashion fashion = new Fashion();
    fashion.display_menu(cart);
    break;

case 3:
    Electricals electricals = new Electricals();
    electricals.display_menu(cart);
    break;

case 4:
    Stationary stationary = new Stationary();
    stationary.stationary_items(cart);
    break;

case 5:
    System.out.println("Exiting..");
    System.out.println("Thank you for Shopping! Visit Again!");
    break;

default:
    System.out.println("Invalid choice. Please try again.");
}

} while (choice != 5);

}

}

class ShoppingCart{
    //ShoppingCart cart = new ShoppingCart();
    Item it =new Item();
    Scanner scanner = new Scanner(System.in);
}

```

```
ArrayList<String> cartlist = new ArrayList<>();
ArrayList<Integer> price = new ArrayList<>();
ArrayList<Integer> quantity = new ArrayList<>();
ArrayList<String> itemlist = new ArrayList<>();

void accept() {
    //add a data structure storing all the elements in a tree format maybe?and use it to
    search for item so this will be something new

    itemlist.add("Apple");
    itemlist.add("Banana");
    itemlist.add("Orange");
    itemlist.add("Mango");
    itemlist.add("Pineapple");
    itemlist.add("Spinach");
    itemlist.add("Carrots");
    itemlist.add("Potatoes");
    itemlist.add("Cauliflower");
    itemlist.add("Cabbage");
    itemlist.add("Milk");
    itemlist.add("Cheese");
    itemlist.add("Yoghurt");
    itemlist.add("Butter");
    itemlist.add("Eggs");
    itemlist.add("Shirts");
    itemlist.add("Trousers");
    itemlist.add("Blazers");
    itemlist.add("Ties");
    itemlist.add("Tshirt");
    itemlist.add("Jeans");
    itemlist.add("Kurta");
    itemlist.add("Sherwani");
```

```
itemlist.add("Pajama and churidars");
itemlist.add("Tops");
itemlist.add("Jeans");
itemlist.add("Kurtis");
itemlist.add("Saree");
itemlist.add("Dress");
itemlist.add("Babywear");
itemlist.add("girlswear");
itemlist.add("Boyswear");
itemlist.add("Refridgerator");
itemlist.add("Washing machine");
itemlist.add("Oven");
itemlist.add("Vacuum cleaner");
itemlist.add("Toaster");
itemlist.add("Mixer grinder");
itemlist.add("Blender");
itemlist.add("TV");
itemlist.add("Smartphone");
itemlist.add("Earphone");
itemlist.add("Headphones");
itemlist.add("iPad");
itemlist.add("Bluetooth speaker");
itemlist.add("Laptop");
itemlist.add("Smart watch");
itemlist.add("Monitor");
itemlist.add("Chart paper");
itemlist.add("Color paper");
itemlist.add("Blank sheet");
itemlist.add("Map");
```

```
itemlist.add("Graph paper");
itemlist.add("Ball pen");
itemlist.add("Gel pen");
itemlist.add("Pencil");
itemlist.add("Eraser");
itemlist.add("Sharpener");
itemlist.add("EG set");
itemlist.add("Watercolour");
itemlist.add("Crayons");
itemlist.add("Charcoal pencil");
itemlist.add("Oil paints");
itemlist.add("A4-sized ruled notebook");
itemlist.add("A5 sketchbook");
itemlist.add("Long ruled book");
itemlist.add("File");
itemlist.add("Kids set");
itemlist.add("Geometry box");

}
```

```
public void accept_prices()
{
    price.add(12);
    price.add(4);
    price.add(7);
    price.add(10);
    price.add(5);
    price.add(10);
```

```
price.add(15);
price.add(5);
price.add(8);
price.add(8);
price.add(12);
price.add(15);
price.add(20);
price.add(25);
price.add(10);
price.add(300);
price.add(400);
price.add(500);
price.add(50);
price.add(200);
price.add(500);
price.add(150);
price.add(800);
price.add(1000);
price.add(500);
price.add(600);
price.add(400);
price.add(1200);
price.add(700);
price.add(250);
price.add(550);
price.add(800);
price.add(15000);
price.add(10000);
price.add(7000);
```

```
price.add(5000);
price.add(3000);
price.add(2000);
price.add(1000);
price.add(20000);
price.add(30000);
price.add(1000);
price.add(2000);
price.add(70000);
price.add(8000);
price.add(80000);
price.add(5000);
price.add(7000);
price.add(10);
price.add(50);
price.add(1);
price.add(2);
price.add(3);
price.add(5);
price.add(10);
price.add(8);
price.add(6);
price.add(5);
price.add(200);
price.add(100);
price.add(300);
price.add(500);
price.add(400);
price.add(350);
```

```
    price.add(80);
```

```
    price.add(120);
```

```
    price.add(30);
```

```
    price.add(450);
```

```
    price.add(100);
```

```
}
```

```
/*public void displayCart() {
```

```
    // Display cart items
```

```
    System.out.println(cartlist);
```

```
    System.out.println(quantity);
```

```
    //later arrange it all in tabular format using \n \t
```

```
}*/
```

```
/*public void displayCart() {
```

```
    // Display cart items in tabular format
```

```
    System.out.println("*****");
```

```
    System.out.println("Item Name\t\t|Quantity|");
```

```
    System.out.println("*****");
```

```
    for (int i = 0; i < cartlist.size(); i++) {
```

```
        System.out.println(cartlist.get(i) + "\t\t\t" + quantity.get(i));
```

```
}
```

```

System.out.println(cartlist.size());
System.out.println(quantity.size());
}*/
```

public void displayCart() {

```

    // Display cart items in tabular format
    System.out.println("*****");
    System.out.println("Item Name | Quantity |");
    System.out.println("*****");
    for (int i = 0; i < cartlist.size(); i++) {
        String itemName = cartlist.get(i);
        int itemLength = itemName.length();
        // Calculate the number of spaces needed to align the quantity column
        int spaces = 26 - itemLength; // Assuming item name column width is 20
        System.out.println(String.format("%s%| %d", itemName, " ".repeat(spaces),
                                         quantity.get(i)));
    }
}
```

}

void display_menu() {

```

    int choice=0;

    accept_prices();
    accept();
    System.out.println("1.Add to Cart");

    System.out.println("2.Remove from cart");
    System.out.println("3.Display Cart");
    System.out.println("4.Display bill");
    System.out.println("Enter your choice:");

    choice=scanner.nextInt();
}

```

```
switch(choice)
{
    case 1: //m.display_menu(cart);
    break;
    case 2:
        remove();
        break;

    case 3:
        displayCart();
        break;

    case 4:
        displayBill();
        break;

    default:
        System.out.println("Please Enter a valid choice");
}

}

void remove() {
    Scanner scanner = new Scanner(System.in);
    int n, j;
```

```

String itemname;

System.out.println("Enter number of items you wish to remove from collection:");

n = scanner.nextInt();

int c = 0; // Moved initialization outside the loop

for (int i = 0; i < n; i++) {

    System.out.println("Enter the item name:");

    itemname = scanner.next();

    j = cartlist.indexOf(itemname);

    if (j != -1) {

        cartlist.remove(j);

        quantity.remove(j);

        System.out.println("Item removed successfully!");

        c++;

    } else {

        System.out.println("Item '" + itemname + "' does not exist");

    }

}

if (c == 0) {

    System.out.println("No items were removed");

}

}

void displayBill() {

    // Print header

    //System.out.println("Name: "+ cname +"Phone number: "+ cphone);

    System.out.println("-----");

```

```

        System.out.printf(" | %-20s | %-10s | %-8s | %-12s |\n", "Item", "Price (Rs.)", "Quantity",
"Total (Rs.)");

        System.out.println("-----");

        double totalAmount = 0.0;

        // Print each item in the cart with price, quantity, and total amount

        for (int i = 0; i < cartlist.size(); i++) {

            String item12 = cartlist.get(i);

            int index= itemlist.indexOf(item12);

            double itemPrice = price.get(index);

            int itemQuantity = quantity.get(i);

            double itemTotal = itemPrice * itemQuantity;

            totalAmount += itemTotal;

            System.out.printf(" | %-20s | %-10.2f | %-8d | %-12.2f |\n", item12, itemPrice,
itemQuantity, itemTotal);

        }

        // Print total amount

        System.out.println("-----");

        System.out.printf(" | %-38s| %-12.2f |\n", "Total", totalAmount);

        System.out.println("----- ");

        System.out.println("Thank You for Shopping! Visit Again");

    }

}

class Groceries extends Mart {

    Scanner scanner = new Scanner(System.in);

    ShoppingCart cart= new ShoppingCart();

    void display_menu(ShoppingCart cart) {

        int choice;

        do {

            System.out.println("Groceries Menu:");

            System.out.println("1. Browse Groceries");

```

```
System.out.println("2. Search for Specific Items");
System.out.println("3. View Cart");
System.out.println("4. Go Back to Main Menu");
System.out.print("Enter your choice: ");
choice = scanner.nextInt();
switch (choice) {
    case 1:
        browseGroceries(cart);
        break;
    case 2:
        searchItems();
        break;
    case 3:
        cart.display_menu();
        break;
    case 4:
        System.out.println("Going back to main menu...");
        return;
    default:
        System.out.println("Invalid choice. Please try again.");
}
} while (choice != 4);

}

public void browseGroceries(ShoppingCart cart) {
    int choice;
    do {
        System.out.println("Browse Groceries:");
        System.out.println("1. Fruits");
        System.out.println("2. Vegetables");
```

```
System.out.println("3. Dairy Products");
System.out.println("4. Go Back to Groceries Menu");
System.out.print("Enter your choice: ");
choice = scanner.nextInt();
switch (choice) {
    case 1:
        display_fruits(cart);
        break;
    case 2:
        display_vegetables(cart);
        break;
    case 3:
        display_dairyproducts(cart);
        break;
    case 4:
        System.out.println("Going back to groceries menu...");
        return;
    default:
        System.out.println("Invalid choice. Please try again.");
}
} while (choice != 4);
}

public void searchItems() {
    // Implement search functionality
    Item item = new Item();
    item.accept();
    System.out.print("Enter the item to search: ");
    String searchItem = scanner.next(); // use next() instead of nextLine()
    cart.accept();
}
```

```
cart.accept_prices();

// Call the search method and display the result

boolean found = searchItem(item.itemlist, searchItem);

if (found) {

    System.out.println(searchItem + " is found in the list.");

    int no=cart.itemlist.indexOf(searchItem);

    int x= cart.price.get(no);

    System.out.println("Price is: "+x);

}

} else {

    System.out.println(searchItem + " is not found in the list.");

}

}

public static boolean searchItem(ArrayList<String> items, String searchItem) {

    for (String item : items) {

        if (item.equals(searchItem)) {

            return true;

        }

    }

    return false;

}

void display_fruits(ShoppingCart cart) {

    int choice;

    do {

        System.out.println("Menu of Fruits:");

        System.out.println("1. Apple");

        System.out.println("2. Banana");

        System.out.println("3. Orange");

        System.out.println("4. Mango");

    }

}
```

```
System.out.println("5. Pineapple");

System.out.println("6. Go back to previous menu");

System.out.print("Enter your choice: ");

choice = scanner.nextInt();

switch (choice) {

    case 1:

        cart.cartlist.add("Apple");

        System.out.println("Enter the quantity:");

        int qty1=scanner.nextInt();

        cart.quantity.add(qty1);

        break;

    case 2:

        cart.cartlist.add("Banana");

        System.out.println("Enter the quantity:");

        int qty2=scanner.nextInt();

        cart.quantity.add(qty2);

        break;

    case 3:

        cart.cartlist.add("Orange");

        System.out.println("Enter the quantity:");

        int qty3=scanner.nextInt();

        cart.quantity.add(qty3);

        break;

    case 4:

        cart.cartlist.add("Mango");

        System.out.println("Enter the quantity:");

        int qty4=scanner.nextInt();

        cart.quantity.add(qty4);

        break;
}
```

```
case 5:  
    cart.cartlist.add("Pineapple");  
    System.out.println("Enter the quantity:");  
    int qty5=scanner.nextInt();  
    cart.quantity.add(qty5);  
    break;  
  
case 6:  
    // Return to previous menu  
    return;  
  
default:  
    System.out.println("Invalid choice. Please enter a number between 1 and 6.");  
    break;  
}  
}  
} while (choice != 6);  
  
}  
  
void display_vegetables(ShoppingCart cart) {  
    int choice;  
    do {  
        System.out.println("Menu of Vegetables:");  
        System.out.println("1. Spinach");  
        System.out.println("2. Carrots");  
        System.out.println("3. Potatoes");  
        System.out.println("4. Cauliflower");  
        System.out.println("5. Cabbage");  
        System.out.println("6. Go back to previous menu");  
        System.out.print("Enter your choice: ");  
        choice = scanner.nextInt();  
        switch (choice) {  
            case 1:
```

```
cart.cartlist.add("Spinach");

System.out.println("Enter the quantity:");

int qty6=scanner.nextInt();

cart.quantity.add(qty6);

break;

case 2:

    cart.cartlist.add("Carrots");

    System.out.println("Enter the quantity:");

    int qty7=scanner.nextInt();

    cart.quantity.add(qty7);

    break;

case 3:

    cart.cartlist.add("Potatoes");

    System.out.println("Enter the quantity:");

    int qty8=scanner.nextInt();

    cart.quantity.add(qty8);

    break;

case 4:

    cart.cartlist.add("Cauliflower");

    System.out.println("Enter the quantity:");

    int qty9=scanner.nextInt();

    cart.quantity.add(qty9);

    break;

case 5:

    cart.cartlist.add("Cabbage");

    System.out.println("Enter the quantity:");

    int qty10=scanner.nextInt();

    cart.quantity.add(qty10);

    break;
```

```

        case 6:
            // Return to previous menu
            return;
        default:
            System.out.println("Invalid choice. Please enter a number between 1 and 6.");
            break;
    }
}

} while (choice != 6);

}

void display_dairyproducts(ShoppingCart cart) {
    int choice;
    do {
        System.out.println("Menu of dairyproducts:");
        System.out.println("1. Milk");
        System.out.println("2. Cheese");
        System.out.println("3. Yoghurt");
        System.out.println("4. Butter");
        System.out.println("5. Eggs");
        System.out.println("6. Go back to previous menu");
        System.out.print("Enter your choice: ");
        choice = scanner.nextInt();
        switch (choice) {
            case 1:
                cart.cartlist.add("Milk");
                System.out.println("Enter the quantity:");
                int qty11=scanner.nextInt();
                cart.quantity.add(qty11);
                break;
            case 2:

```

```
    cart.cartlist.add("Cheese");

    System.out.println("Enter the quantity:");

    int qty12=scanner.nextInt();

    cart.quantity.add(qty12);

    break;

case 3:

    cart.cartlist.add("Yoghurt");

    System.out.println("Enter the quantity:");

    int qty13=scanner.nextInt();

    cart.quantity.add(qty13);

    break;

case 4:

    cart.cartlist.add("Butter");

    System.out.println("Enter the quantity:");

    int qty14=scanner.nextInt();

    cart.quantity.add(qty14);

    break;

case 5:

    cart.cartlist.add("Eggs");

    System.out.println("Enter the quantity:");

    int qty15=scanner.nextInt();

    cart.quantity.add(qty15);

    break;

case 6:

    // Return to previous menu

    return;

default:

    System.out.println("Invalid choice. Please enter a number between 1 and 6.");

    break;
```

```
    }

} while (choice != 6);

}

}

class Item {

    ArrayList<String> itemlist = new ArrayList<>();

    void accept() {

        //add a data structure storing all the elements in a tree format maybe?and use it to
        search for item so this will be something new

        itemlist.add("Apple");
        itemlist.add("Banana");
        itemlist.add("Orange");
        itemlist.add("Mango");
        itemlist.add("Pineapple");
        itemlist.add("Spinach");
        itemlist.add("Carrots");
        itemlist.add("Potatoes");
        itemlist.add("Cauliflower");
        itemlist.add("Cabbage");
        itemlist.add("Milk");
        itemlist.add("Cheese");
        itemlist.add("Yoghurt");
        itemlist.add("Butter");
        itemlist.add("Eggs");
        itemlist.add("Shirts");
        itemlist.add("Trousers");
        itemlist.add("Blazers");
        itemlist.add("Ties");
        itemlist.add("Tshirt");
        itemlist.add("Jeans");
    }
}
```

```
itemlist.add("Kurta");
itemlist.add("Sherwani");
itemlist.add("Pajama and churidars");
itemlist.add("Tops");
itemlist.add("Jeans");
itemlist.add("Kurtis");
itemlist.add("Saree");
itemlist.add("Dress");
itemlist.add("Babywear");
itemlist.add("girlswear");
itemlist.add("Boyswear");
itemlist.add("Refrigerator");
itemlist.add("Washing machine");
itemlist.add("Oven");
itemlist.add("Vacuum cleaner");
itemlist.add("Toaster");
itemlist.add("Mixer grinder");
itemlist.add("Blender");
itemlist.add("TV");
itemlist.add("Smartphone");
itemlist.add("Earphone");
itemlist.add("Headphones");
itemlist.add("iPad");
itemlist.add("Bluetooth speaker");
itemlist.add("Laptop");
itemlist.add("Smart watch");
itemlist.add("Monitor");
itemlist.add("Chart paper");
itemlist.add("Color paper");
```

```
itemlist.add("Blank sheet");
itemlist.add("Map");
itemlist.add("Graph paper");
itemlist.add("Ball pen");
itemlist.add("Gel pen");
itemlist.add("Pencil");
itemlist.add("Eraser");
itemlist.add("Sharpener");
itemlist.add("Eraser set");
itemlist.add("Watercolour");
itemlist.add("Crayons");
itemlist.add("Charcoal pencil");
itemlist.add("Oil paints");
itemlist.add("A4-sized ruled notebook");
itemlist.add("A5 sketchbook");
itemlist.add("Long ruled book");
itemlist.add("File");
itemlist.add("Kids set");
itemlist.add("Geometry box");

}

}
```

```
class Fashion extends Mart {
    Scanner scanner = new Scanner(System.in);
    //FItem fitem = new FItem();
    Item it = new Item();
    public void searchItems() {
```

```
// Implement search functionality

    it.accept();

    System.out.print("Enter the item to search: ");

    String searchItem = scanner.next(); // use next() instead of nextLine()

    // Call the search method and display the result

    boolean found = searchItem(it.itemlist, searchItem);

    if (found) {

        System.out.println(searchItem + " is found in the list.");

    } else {

        System.out.println(searchItem + " is not found in the list.");

    }

}

public static boolean searchItem(ArrayList<String> items, String searchItem) {

    for (String item : items) {

        if (item.equals(searchItem)) {

            return true;

        }

    }

    return false;

}

void display_menu(ShoppingCart cart) {

    int ch;

    do {

        System.out.println("****Fashion Menu****");

        System.out.println("1. Men's wear");

        System.out.println("2. Women's Wear");

        System.out.println("3. Kid's Section");

        System.out.println("4. Search for Specific clothing ");

    }
```

```
System.out.println("5. Display clothing chart");

System.out.println("6. View Cart");

System.out.println("7. Go Back to Main Menu");

System.out.println("Enter your choice: ");

ch = scanner.nextInt();

switch (ch) {

    case 1:

        menswear(cart);

        break;

    case 2:

        womenswear(cart);

        break;

    case 3:

        kidswear(cart);

        break;

    case 4:

        searchItems();

        break;

    case 5:

        displaychart();

        break;

    case 6:

        cart.display_menu();

        break;

    case 7:

        break;

    default:
```

```
        System.out.println("Invalid choice. Please enter a number between 1 and 5.");
        break;
    }
} while (ch != 7);
}

public void menswear(ShoppingCart cart) {
    int ch;
    do {
        System.out.println("1. Formal wear");
        System.out.println("2. Tshirts and jeans ");
        System.out.println("3. Indian wear ");
        //System.out.println("Sports wear "); can add this one also, was not sue what to add
        in this
        System.out.println("4. Go Back to Main Menu ");
        System.out.print("Enter your choice: ");
        ch = scanner.nextInt();
        switch (ch) {
            case 1:
                displayformalwear(cart);
                break;
            case 2:
                displaytandj(cart);
                break;
            case 3:
                displayIndianswear(cart);
                break;
            case 4:
                System.out.println("Going back to main menu...");
                return;
        }
    }
}
```

```
    default:  
        System.out.println("Invalid choice. Please enter a number between 1 and 4.");  
        break;  
    }  
}  
} while (ch != 4);  
  
}  
  
public void displayformalwear(ShoppingCart cart) {  
  
    int choice;  
    do {  
        System.out.println("1. Enter to display formal wear 2. Enter to go back to main  
menu");  
        choice = scanner.nextInt();  
  
        switch (choice) {  
            case 1:  
                int choice0;  
                do {  
                    System.out.println("1. Shirts");  
                    System.out.println("2. Trousers");  
                    System.out.println("3. Blazers");  
                    System.out.println("4. Ties");  
                    System.out.println("5. Go back to main menu");  
                    System.out.println("Enter your choice: ");  
                    choice0 = scanner.nextInt();  
                    switch (choice0) {  
                        case 1:  
                            System.out.println("Enter the color: ");  
                            String color = scanner.next();  
                            System.out.println("Enter the shirt size (for ex. S, M, XL): ");  
                            String size = scanner.next();  
                }  
            }  
        }  
    }  
}
```

```
System.out.println("Enter the quantity: ");

int q = scanner.nextInt();

// Add shirt to cart

cart.quantity.add(q);

cart.cartlist.add("Shirts");

System.out.println("Shirt - Color: " + color + ", Size: " + size);

break;

case 2:

System.out.println("Enter the color: ");

String color1 = scanner.next();

System.out.println("Enter the Trouser size (in inches): ");

int size1 = scanner.nextInt();

System.out.println("Enter the quantity: ");

int q1 = scanner.nextInt();

// Add trousers to cart

cart.quantity.add(q1);

cart.cartlist.add("Trousers");

System.out.println("Trousers - Color: " + color1 + ", Size: " + size1 + ", 

Quantity: " + q1);

break;

case 3:

System.out.println("Enter the color: ");

String color2 = scanner.next();

System.out.println("Enter the Blazer size (for ex. S, M, XL): ");

String size2 = scanner.next();

System.out.println("Enter the quantity: ");

int q2 = scanner.nextInt();

// Add blazer to cart

cart.quantity.add(q2);

cart.cartlist.add("Blazers");
```

```
        System.out.println("Blazer - Color: " + color2 + ", Size: " + size2 + ",  
Quantity: " + q2);  
  
        break;  
  
    case 4:  
  
        System.out.println("Enter the color: ");  
  
        String color3 = scanner.next();  
  
        System.out.println("Enter the Tie length (in inches): ");  
  
        int length = scanner.nextInt();  
  
        System.out.println("Enter the quantity: ");  
  
        int q3 = scanner.nextInt();  
  
        // Add tie to cart  
  
        cart.quantity.add(q3);  
  
        cart.cartlist.add("Ties");  
  
        System.out.println("Tie - Color: " + color3 + ", Length: " + length + " inches,  
Quantity: " + q3);  
  
        break;  
  
    case 5:  
  
        break;  
  
    default:  
  
        System.out.println("Invalid choice. Please enter a number between 1 and  
5.");  
  
        break;  
  
    }  
  
} while (choice0 != 5);  
  
break;  
  
case 2:  
  
break;  
  
default:  
  
System.out.println("Invalid choice. Please enter 1 or 2.");  
  
break;
```

```
    }

} while (choice != 2);

}

public void displaytandj(ShoppingCart cart) {
int option;
do {
    System.out.println("Enter what to buy: ");
    System.out.println("1) Tshirt");
    System.out.println("2) Jeans");
    System.out.println("3) Go back to main menu");
    option = scanner.nextInt();
    switch (option) {
        case 1:
            System.out.println("Enter the color: ");
            String color = scanner.next();
            System.out.println("Enter the Tshirt size (for ex. S, M, XL): ");
            String size = scanner.next();
            System.out.println("Enter the quantity: ");
            int quantity = scanner.nextInt();
            // Add Tshirt to cart
            cart.quantity.add(quantity);
            cart.cartlist.add("Tshirt");
            System.out.println("Tshirt - Color: " + color + ", Size: " + size + ", Quantity: " +
quantity);
            break;
        case 2:
            System.out.println("Enter the color: ");
            String color2 = scanner.next();
            System.out.println("Enter the jeans size (in inches): ");
            int size2 = scanner.nextInt();
    }
}
}
```

```
        System.out.println("Enter the quantity: ");
        int quantity2 = scanner.nextInt();
        // Add Jeans to cart
        cart.quantity.add(quantity2);
        cart.cartlist.add("Jeans");
        System.out.println("Jeans - Color: " + color2 + ", Size: " + size2 + " inches, Quantity: "
+ quantity2);
        break;
    case 3:
        System.out.println("Going back to Main menu...");
        break;
    default:
        System.out.println("Invalid option. Please enter 1, 2, or 3.");
        break;
    }
} while (option != 3);

}

public void displayIndianswear(ShoppingCart cart) {
    int option;
    do {
        System.out.println("1. Kurtas");
        System.out.println("2. Sherwani");
        System.out.println("3. Pajamas and churidars");
        System.out.println("4. Go back to main menu");
        System.out.print("Enter your choice: ");
        option = scanner.nextInt();
        switch (option) {
            case 1:
                System.out.println("Enter the color: ");
                String color = scanner.next();
```

```
System.out.println("Enter the Kurta size (for ex. S, M, XL): ");

String size = scanner.next();

System.out.println("Enter the quantity: ");

int quantity = scanner.nextInt();

// Add Kurta to cart

cart.quantity.add(quantity);

cart.cartlist.add("Kurta");

System.out.println("Kurta - Color: " + color + ", Size: " + size + ", Quantity: " +
quantity);

break;

case 2:

System.out.println("Enter the color: ");

String color2 = scanner.next();

System.out.println("Enter the Sherwani size (for ex. S, M, XL): ");

String size2 = scanner.next();

System.out.println("Enter the quantity: ");

int quantity2 = scanner.nextInt();

// Add Sherwani to cart

cart.quantity.add(quantity2);

cart.cartlist.add("Sherwani");

System.out.println("Sherwani - Color: " + color2 + ", Size: " + size2 + ", Quantity: " +
quantity2);

break;

case 3:

System.out.println("Enter the color: ");

String color3 = scanner.next();

System.out.println("Enter the Pyjama size (in inches): ");

int size3 = scanner.nextInt();

System.out.println("Enter the quantity: ");

int quantity3 = scanner.nextInt();
```

```

    // Add Pyjama to cart
    cart.quantity.add(quantity3);
    cart.cartlist.add("Pajama and churidars");
    System.out.println("Pyjama - Color: " + color3 + ", Size: " + size3 + " inches, Quantity: "
" + quantity3);
    break;
}

case 4:
    System.out.println("Going back to Main menu...");
    break;
default:
    System.out.println("Invalid choice. Please enter a number between 1 and 4.");
    break;
}
}

} while (option != 4);

}

public void womenswear(ShoppingCart cart) {
    int option2;
    do {
        System.out.println("****In Women's Category****");
        System.out.println("1) Tops and Jeans");
        System.out.println("2) Kurtis/Salwars");
        System.out.println("3) Sarees");
        // System.out.println("Sports wear ");
        System.out.println("4) Dresses");
        System.out.println("5) Go back to Main menu");
        System.out.println("Enter your choice: ");
        option2 = scanner.nextInt();
        switch (option2) {
            case 1:
                displaytops(cart);

```

```

        break;

    case 2:
        displaykurtis(cart);
        break;

    case 3:
        displaysarees(cart);
        break;

    case 4:
        displaydresses(cart);
        break;

    case 5:
        System.out.println("Going back to Main menu....");
        break;

    default:
        System.out.println("Invalid choice. Please enter a number between 1 and 5.");
        break;
    }
}

} while (option2 != 5);

}

```

```

public void displaytops(ShoppingCart cart) {
    int choice2;
    do {
        System.out.println("Enter what do you want to buy: ");
        System.out.println("1) Tops");
        System.out.println("2) Jeans");
        System.out.println("3) Go back to Main menu");
        choice2 = scanner.nextInt();
        switch (choice2) {

```

case 1:

```
System.out.println("-----");
System.out.println("| Different Types of Tops |");
System.out.println("| Patterns: |");
System.out.println("-----");
System.out.println(" | ");
System.out.println(" | 1. Crop Top |");
System.out.println(" | 2. Tank Top |");
System.out.println(" | 3. Off-Shoulder Top |");
System.out.println(" | 4. Peplum Top |");
System.out.println(" | 5. Wrap Top |");
System.out.println("-----");
System.out.println("Enter the pattern of top: ");
String pattern = scanner.next();
System.out.println("Enter the color: ");
String color = scanner.next();
System.out.println("Enter the Top size (for ex. S, M, XL): ");
String size = scanner.next();
System.out.println("Enter the quantity: ");
int quantity = scanner.nextInt();
// Add top to cart
cart.quantity.add(quantity);
cart.cartlist.add("Tops");
System.out.println("Top - Pattern: " + pattern + ", Color: " + color + ", Size: " + size +
", Quantity: " + quantity);
break;
```

case 2:

```
System.out.println("Enter the color: ");
String color2 = scanner.next();
System.out.println("Enter the Jeans size (in inches): ");
```

```

        int size2 = scanner.nextInt();
        System.out.println("Enter the quantity: ");
        int quantity2 = scanner.nextInt();
        // Add jeans to cart
        cart.quantity.add(quantity2);
        cart.cartlist.add("Jeans");
        System.out.println("Jeans - Color: " + color2 + ", Size: " + size2 + " inches, Quantity: "
+ quantity2);
        break;
    case 3:
        System.out.println("Going back to main menu...");
        break;
    default:
        System.out.println("Invalid option. Please enter 1, 2, or 3.");
        break;
    }
} while (choice2 != 3);
}

```

```

public void displaykurtis(ShoppingCart cart) {
    int option3 = 0;
    do {
        System.out.println("1. Enter to display Kurtis 2. Enter to go back to main menu");
        option3 = scanner.nextInt();
        switch(option3)
        {
            case 1:
                System.out.println("Enter the color: ");
                String color4 = scanner.next();
                System.out.println("Enter the Kurti size(for ex. S,M,XL): ");

```

```

String size4 = scanner.next();

System.out.println("Enter the quantity: ");
int q4 = scanner.nextInt();
cart.quantity.add(q4);
cart.cartlist.add("Kurtis");
System.out.println("Kurti: Color"+color4+"Size: "+size4);
break;

case 2:
    break;
}

}while (option3 != 2);

}

public void displaysarees(ShoppingCart cart) {
    int option4;
    do {
        System.out.println("1. Enter to display Sarees 2. Enter to go back to main menu");
        option4 = scanner.nextInt();
        switch (option4) {
            case 1:
                System.out.println("-----");
                System.out.println("|      Saree Choices      |");
                System.out.println("-----");
                System.out.println(" | 1. Silk Saree      |");
                System.out.println(" | 2. Cotton Saree     |");
                System.out.println(" | 3. Georgette Saree   |");
                System.out.println(" | 4. Chiffon Saree     |");
        }
    }
}

```

```

        System.out.println(" | 5. Banarasi Saree      | ");
        System.out.println("-----");
        System.out.println("Enter the pattern of saree: ");
        String pattern = scanner.next();
        System.out.println("Enter the color: ");
        String color = scanner.next();
        System.out.println("Enter the quantity: ");
        int quantity = scanner.nextInt();
        // Add saree to cart
        cart.quantity.add(quantity);
        cart.cartlist.add("Saree");
        System.out.println("Saree - Pattern: " + pattern + ", Color: " + color + ", Quantity: " +
quantity);
        break;
    case 2:
        break;
    default:
        System.out.println("Invalid choice. Please enter 1 or 2.");
        break;
    }
} while (option4 != 2);
}

public void displaydresses(ShoppingCart cart) {
    int option5;
    do {
        System.out.println("1. Enter to display dresses 2. Enter to go back to main menu");
        option5 = scanner.nextInt();
        switch (option5) {
            case 1:
                System.out.println("-----");

```

```

System.out.println("|    Dress Choices    |");
System.out.println("-----");
System.out.println("| 1. Maxi Dress    |");
System.out.println("| 2. Midi Dress    |");
System.out.println("| 3. Shift Dress   |");
System.out.println("| 4. A-Line Dress  |");
System.out.println("| 5. Wrap Dress    |");
System.out.println("-----");
System.out.println("Enter the dress pattern: ");
String pattern = scanner.next();
System.out.println("Enter the color: ");
String color = scanner.next();
System.out.println("Enter the dress size (for ex. S, M, XL): ");
String size = scanner.next();
System.out.println("Enter the quantity: ");
int quantity = scanner.nextInt();
// Add dress to cart
cart.quantity.add(quantity);
cart.cartlist.add("Dress");
System.out.println ("Dress - Pattern: " + pattern + ", Color: " + color + ", Size: " + size
+ ", Quantity: " + quantity);
break;
case 2:
System.out.println("Going back to Main menu....");
break;
default:
System.out.println("Invalid choice. Please enter 1 or 2.");
break;
}
} while (option5 != 2);

```

```
}

public void kidswear(ShoppingCart cart) {
    int option6=0;
    do {
        System.out.println("1. Baby clothes");
        System.out.println("2. Girls Clothing");
        System.out.println("3. Boy's Clothing");
        System.out.println("4. Go back to main menu");
        System.out.print("Enter your choice: ");
        option6 = scanner.nextInt();
        switch (option6) {
            case 1:
                displaybabywear(cart);
                break;
            case 2:
                displaygirlsclothes(cart);
                break;
            case 3:
                displayboyclothing(cart);
                break;
            case 4:
                break;
            default:
                System.out.println("Invalid choice. Please enter a number between 1 and 4.");
                break;
        }
    } while (option6 != 4);

}

public void displaybabywear(ShoppingCart cart) {
```

```
int option7;

do {

    System.out.println("1. Enter to display babywear 2. Enter to go back to main menu");

    option7 = scanner.nextInt();




switch (option7) {

    case 1:

        System.out.println("-----");
        System.out.println("| Baby Wear Choices |");
        System.out.println("-----");
        System.out.println("| 1. Onesie      |");
        System.out.println("| 2. Romper      |");
        System.out.println("| 3. Jumpsuit    |");
        System.out.println("| 4. Baby Gown   |");
        System.out.println("| 5. Baby T-Shirt|");
        System.out.println("-----");

        System.out.println("Enter your desired choice: ");

        String babypattern = scanner.next();

        System.out.println("Enter the color: ");

        String color4 = scanner.next();

        System.out.println("Enter the dress size (for ex. S, M, XL): ");

        String size4 = scanner.next();

        System.out.println("Enter the quantity: ");

        int q4 = scanner.nextInt();

        // Add babywear to cart

        cart.quantity.add(q4);

        cart.cartlist.add("Babywear");

        System.out.println("Babywear - Pattern: " + babypattern + ", Color: " + color4 + ", Size: " + size4 + ", Quantity: " + q4);

        break;
}
```

```

        case 2:
            break;
        }
    } while (option7 != 2);
}

public void displaygirlsclothes(ShoppingCart cart) {
    int option8;
    do {
        System.out.println("1. Enter to display girl's clothes 2. Enter to go back to main menu");
        option8 = scanner.nextInt();

        switch (option8) {
            case 1:
                System.out.println("-----");
                System.out.println("| Little Girl's Clothing |");
                System.out.println("-----");
                System.out.println("| 1. Dress      |");
                System.out.println("| 2. Skirt      |");
                System.out.println("| 3. T-shirt     |");
                System.out.println("-----");
                System.out.println("Enter your desired choice: ");
                String girlpattern = scanner.next();
                System.out.println("Enter the color: ");
                String color4 = scanner.next();
                System.out.println("Enter the dress size (for ex. S, M, XL): ");
                String size4 = scanner.next();
                System.out.println("Enter the quantity: ");
                int q4 = scanner.nextInt();
                // Add girl's clothes to cart
        }
    }
}

```

```

        cart.quantity.add(q4);
        cart.cartlist.add("girlswear");
        System.out.println("Girl's Clothes - Pattern: " + girlpattern + ", Color: " + color4 + ",
Size: " + size4 + ", Quantity: " + q4);
        break;
    case 2:
        break;
    }
} while (option8 != 2);
}

public void displayboysclothing(ShoppingCart cart) {
    int option9;
    do {
        System.out.println("1. Enter to display boy's clothes 2. Enter to go back to main menu");
        option9 = scanner.nextInt();

        switch (option9) {
            case 1:
                System.out.println("-----");
                System.out.println("| Little Boy's Clothing |");
                System.out.println("-----");
                System.out.println("| 1. T-shirt |");
                System.out.println("| 2. Shirt |");
                System.out.println("| 3. Shorts |");
                System.out.println("-----");
                System.out.println("Enter your desired choice: ");
                String Boypattern = scanner.next();
                System.out.println("Enter the color: ");
                String color4 = scanner.next();
                System.out.println("Enter the dress size (for ex. S, M, XL): ");

```

```

        String size4 = scanner.next();
        System.out.println("Enter the quantity: ");
        int q4 = scanner.nextInt();
        // Add boy's clothing to cart
        cart.quantity.add(q4);
        cart.cartlist.add("Boyswear");
        System.out.println("Boy's Clothing - Pattern: " + Boypattern + ", Color: " + color4 + ",
Size: " + size4 + ", Quantity: " + q4);
        break;
    case 2:
        break;
    }
} while (option9 != 2);
}

```

```

public void displaychart()
{
    int ch3=0;
    do{
        System.out.println("1. Men's clothing chart 2. Women's Clothing chart 3. Go back to
Main menu");
        System.out.println("Enter your choice: ");
        ch3=scanner.nextInt();

        switch(ch3)
        {
            case 1:

```

```
System.out.println("-----");
System.out.println("| Men's Clothing Size Chart |");
System.out.println("-----");
System.out.println("| Shirt Sizes Trouser Sizes |");
System.out.println("| S: 36-38\" S: 28-30\" |");
System.out.println("| M: 39-41\" M: 32-34\" |");
System.out.println("| L: 42-44\" L: 36-38\" |");
System.out.println("| XL: 45-48\" XL: 40-42\" |");
System.out.println("| XXL: 49-52\" XXL: 44-46\" |");
System.out.println("|           |");
System.out.println("| Blazer Sizes Tie Length |");
System.out.println("| S: 36-38\" Regular: 58\" |");
System.out.println("| M: 40-42\" Long: 62\" |");
System.out.println("| L: 44-46\"           |");
System.out.println("| XL: 48-50\"           |");
System.out.println("| XXL: 52-54\"          |");
System.out.println("-----");
```

break;

case 2:

```
System.out.println("-----");
System.out.println("| Women's Clothing Size Chart |");
System.out.println("-----");
System.out.println("| Tops & Jeans Kurtis/Salwars |");
System.out.println("| Tops: S-XL Kurtis: S-XL |");
System.out.println("| Jeans: 26-32\" Salwars: S-XL |");
```

```
System.out.println(" | ");
System.out.println(" | Sarees      Dresses      | ");
System.out.println(" | Free Size    S-XL       | ");
System.out.println(" |           | ");
System.out.println(" | Baby Clothes Girls Clothing | ");
System.out.println(" | 0-24 Months   2T-16 Years   | ");
System.out.println(" |           | ");
System.out.println(" | Boy's Clothing | ");
System.out.println(" | 2T-20 Years     | ");
System.out.println("-----");
```

break;

case 3:

break;

default:

```
System.out.println("Please, Enter a valid choice.");
```

```
}
```

```
}
```

```
while(ch3!=3);
```

```
}
```

```
}
```

```
/*public void fsearchItems() {
```

```
System.out.print("Enter the item to search: ");
```

```

String fsearchItem = scanner.next();

// Call the search method on the fitem instance

boolean found = fitem.fsearchItem(fitem.fitemlist, fsearchItem);

if (found) {

    System.out.println(fsearchItem + " is found in the list.");

} else {

    System.out.println(fsearchItem + " is not found in the list.");

}

}

}/*/

/*class FItem {

    ArrayList<String> fitemlist = new ArrayList<>();

    public boolean fsearchItem(ArrayList<String> items, String fsearchItem) {

        for (String item : items) {

            if (item.equals(fsearchItem)) {

                return true;

            }

        }

        return false;

    }

}/*/

class Electricals extends Mart{

Scanner scanner = new Scanner(System.in);

Item item = new Item();

public void searchItems() {

    // Implement search functionality

    item.accept();

    System.out.print("Enter the item to search: ");

    String searchItem = scanner.next(); // use next() instead of nextLine()
}

```

```
// Call the search method and display the result
boolean found = searchItem(item.itemlist, searchItem);
if (found) {
    System.out.println(searchItem + " is found in the list.");
} else {
    System.out.println(searchItem + " is not found in the list.");
}

public static boolean searchItem(ArrayList<String> items, String searchItem) {
    for (String item : items) {
        if (item.equals(searchItem)) {
            return true;
        }
    }
    return false;
}

void display_menu(ShoppingCart cart)
{
    int choice;
    do {
        System.out.println("Electronics Menu:");
        System.out.println("1. Electrical appliances");
        System.out.println("2. Electronic devices");
        System.out.println("3. Search specific item");
        System.out.println("4. View Cart");
        System.out.println("5. Go Back to Main Menu");
        System.out.print("Enter your choice: ");
        choice = scanner.nextInt();
    }
}
```

```
switch (choice) {  
    case 1:  
        appliances(cart);  
        break;  
    case 2:  
        devices(cart);  
        break;  
    case 3:  
        searchItems();  
        break;  
    case 4:  
        cart.display_menu();  
    case 5:  
        System.out.println("Going back to main menu...");  
        return;  
    default:  
        System.out.println("Invalid choice. Please try again.");  
}  
}  
}  
  
}while (choice!= 5);  
}  
  
public void appliances(ShoppingCart cart) {  
    Scanner scanner = new Scanner(System.in);  
    int choice;  
    do {  
        System.out.println("Browse Electricals:");  
        System.out.println("1. Refridgerator");  
        System.out.println("2. Washing machine");  
        System.out.println("3. Microwave oven");  
        System.out.println("4. Vacuum cleaner");  
    }
```

```
System.out.println("5. Toaster");
System.out.println("6. Mixer/Grinder");
System.out.println("7. Blender");
System.out.println("8. Television");
System.out.println("9. Go Back to previous menu (Electronics Menu)");
System.out.print("Enter your choice: ");
choice = scanner.nextInt();
switch (choice) {
case 1:
System.out.println("+-----+");
System.out.println("| Refrigerators Capacity List in Litres |");
System.out.println("+-----+");
System.out.println("| Compact/Mini Refrigerators | 1 - 4.5 |");
System.out.println("| Small to Medium Sized Refrigerators | 10 - 18 |");
System.out.println("| Medium to Large Sized Refrigerators | 18 - 35 |");
System.out.println("+-----+");
System.out.println("Enter the color of your choice: ");
String colour = scanner.next();
System.out.println("Enter the holding capacity of refidgerator(5 litres to 15 litres)");
int capacity = scanner.nextInt();
System.out.println("Enter the quantity: ");
int q = scanner.nextInt();
System.out.println("colour " + colour + ", Capacity" +capacity);
cart.cartlist.add("Refridgerator");
cart.quantity.add(q);
break;
case 2:
System.out.println("Enter the color: ");
String colour1 = scanner.next();
```

```
System.out.println("Enter the holding capacity of washing machine(5 kg to 15 kg)");

int capacity1 = scanner.nextInt();

System.out.println("Enter the quantity: ");

int q1 = scanner.nextInt();

System.out.println("Color: " + colour1 + ", Capacity: " + capacity1);

cart.cartlist.add("Washing machine");

cart.quantity.add(q1);

break;

case 3:

System.out.println("Enter the colour :");

String colour2=scanner.next();

System.out.println("Enter the quantity: ");

int q2 = scanner.nextInt();

System.out.println("Color: " + colour2 + ", Quantity: " + q2);

cart.cartlist.add("Oven");

cart.quantity.add(q2);

break;

case 4:

System.out.println("Enter the colour :");

String colour3=scanner.next();

System.out.println("Enter the quantity: ");

int q3 = scanner.nextInt();

System.out.println("Color: " + colour3 + ", Quantity: " + q3);

cart.cartlist.add("Vacuum cleaner");

cart.quantity.add(q3);

break;

case 5:

System.out.println("Enter the colour :");

String colour4=scanner.next();
```

```
System.out.println("Enter the quantity: ");
int q4 = scanner.nextInt();
System.out.println("Color: " + colour4 + ", Quantity: " + q4);
cart.cartlist.add("Toaster");
cart.quantity.add(q4);
break;
case 6:
System.out.println("Enter the colour :");
String colour5=scanner.next();
System.out.println("Enter the quantity: ");
int q5 = scanner.nextInt();
System.out.println("Color: " + colour5 + ", Quantity: " + q5);
cart.cartlist.add("Mixer grinder");
cart.quantity.add(q5);
break;
case 7:
System.out.println("Enter the colour :");
String colour6=scanner.next();
System.out.println("Enter the quantity: ");
int q6 = scanner.nextInt();
System.out.println("Color: " + colour6 + ", Quantity: " + q6);
cart.cartlist.add("Blender");
cart.quantity.add(q6);
break;
case 8:
System.out.println("Enter the colour :");
String colour7=scanner.next();
System.out.println("Enter the dimensions for TV");
System.out.println("Length: ");
```

```
int l=scanner.nextInt();
System.out.println("Width :");
int w=scanner.nextInt();
System.out.println("Enter the quantity: ");
int q7 = scanner.nextInt();
System.out.println("Color: " + colour7 + " Dimensions : " + l + "x " + w + " Quantity: " + q7);
cart.cartlist.add("TV");
cart.quantity.add(q7);
break;
case 9:
System.out.println("Going back to previous menu.....");
return;
default:
System.out.println("Invalid choice. Please try again.");
break;
}
} while (choice != 9);
}

void devices(ShoppingCart cart)
{
Scanner scanner = new Scanner(System.in);
int choice;
do {
System.out.println("*****ELECTRONIC DEVICES
MENU***** :");
System.out.println("1. Smart phone");
System.out.println("2. Earphones");
System.out.println("3. Headphones");
System.out.println("4. Ipad");
System.out.println("5. Bluetooth speaker");
```

```
System.out.println("6. Laptop");
System.out.println("7. Smart watch");
System.out.println("8. Monitor");
System.out.println("9. Go Back to previous menu (Electronics Menu)");
System.out.print("Enter your choice: ");
choice = scanner.nextInt();
switch (choice) {
    case 1:
        System.out.println("Enter the color of your choice: ");
        String colour = scanner.next();
        System.out.println("Enter which type of phone you want to buy/add? [Android/ios] :");
        String capacity = scanner.next();
        System.out.println("Enter the quantity: ");
        int q = scanner.nextInt();
        System.out.println("Color: " + colour + ", Type [Android/ios]: " + capacity + ", Quantity: " +
q);
        cart.cartlist.add("Smartphone");
        cart.quantity.add(q);
        break;
    case 2:
        System.out.println("Which type of earphones do you want to buy/add?
[Wired/Wireless/Neckband] :");
        String option = scanner.next();
        System.out.println("Enter the color: ");
        String colour1 = scanner.next();
        System.out.println("Enter the quantity: ");
        int q1 = scanner.nextInt();
        System.out.println("Color: " + colour1 + ", Type [Wired/Wireless/Neckband] : " + option + ",
Quantity: " + q1);
        cart.cartlist.add("Earphone");
```

```
cart.quantity.add(q1);
break;
case 3:
System.out.println("Which type of earphones do you want to buy/add? [Wired/Wireless] :");
String option1 = scanner.next();
System.out.println("Enter the colour :");
String colour2=scanner.next();
System.out.println("Enter the quantity: ");
int q2 = scanner.nextInt();
System.out.println("Colour: " + colour2 + ", Type [Wired/wireless]: " + option1 + ", Quantity: "
+ q2);
cart.cartlist.add("Headphones");
cart.quantity.add(q2);
break;
case 4:
System.out.println("Enter the colour :");
String colour3=scanner.next();
System.out.println("Enter the quantity: ");
int q3 = scanner.nextInt();
System.out.println("Colour: " + colour3 + ", Quantity: " + q3);
cart.cartlist.add("iPad");
cart.quantity.add(q3);
break;
case 5:
System.out.println("Which type of speaker do you want to buy/add? [Mini/ Medium sized/
Large sized] :");
String option2 = scanner.next();
System.out.println("Enter the colour :");
String colour4=scanner.next();
System.out.println("Enter the quantity: ");
```

```
int q4 = scanner.nextInt();

System.out.println("Colour: " + colour4 + ", Type [Mini/Medium sized/ Large sized]: " +
option2 + ", Quantity: " + q4);

cart.cartlist.add("Bluetooth speaker");

cart.quantity.add(q4);

break;

case 6:

System.out.println("Which type of laptop do you want to buy/add? [Work laptop/ Gaming
specialized] :");

String option3 = scanner.next();

System.out.println("Enter the colour :");

String colour5=scanner.next();

System.out.println("Enter the quantity: ");

int q5 = scanner.nextInt();

System.out.println("Colour: " + colour5 + " Type [Work laptop/ Gaming laptop]: " + option3 +
" Quantity: " + q5);

cart.cartlist.add("Laptop");

cart.quantity.add(q5);

break;

case 7:

System.out.println("Which type of smartwatch do you want to buy/add? [circular / Square]
:");

String option4 = scanner.next();

System.out.println("Enter the colour :");

String colour6=scanner.next();

System.out.println("Enter the quantity: ");

int q6 = scanner.nextInt();

System.out.println("Colour: " + colour6 + ", Type [circular/square]: " + option4 + ", Quantity:
" + q6);

cart.cartlist.add("Smart watch");

cart.quantity.add(q6);
```

```
break;

case 8:
    System.out.println("Enter the colour :");
    String colour7=scanner.next();
    System.out.println("Enter the dimensions for monitor :");
    System.out.println("Enter the length :");
    int l=scanner.nextInt();
    System.out.println("Enter the width :");
    int w=scanner.nextInt();
    System.out.println("Enter the quantity: ");
    int q7 = scanner.nextInt();
    System.out.println("Colour: " + colour7 + ", Dimensions :" + l + "x" + w + ", Quantity: " + q7);
    cart.cartlist.add("Monitor");
    cart.quantity.add(q7);
    break;

case 9:
    System.out.println("Going back to previous menu.....");
    return;
default:
    System.out.println("Invalid choice. Please try again.");
    break;
}
```

```
} while (choice != 9);
}
}

class Stationary extends Mart{
```

```
Scanner scanner= new Scanner(System.in);
public void searchItems() {
```

```

Item item = new Item();

// Implement search functionality

item.accept();

System.out.print("Enter the item to search: ");

String searchItem = scanner.next() // use next() instead of nextLine()

// Call the search method and display the result

boolean found = searchItem(item.itemlist, searchItem);

if (found) {

    System.out.println(searchItem + " is found in the list.");

} else {

    System.out.println(searchItem + " is not found in the list.");

}

}

public static boolean searchItem(ArrayList<String> items, String searchItem) {

    for (String item : items) {

        if (item.equals(searchItem)) {

            return true;

        }

    }

    return false;

}

public void stationary_items(ShoppingCart cart){

int ch;

do {

System.out.println("***** STATIONARY MENU *****");

System.out.println("1. Paper items [eg.: chart paper, A4 sheet etc.]");

System.out.println("2. Writing items [eg.: Pen, pencil etc.]");

System.out.println("3. Items for drawing/sketching ");

System.out.println("4. Books and notebooks");

```

```
System.out.println("5. Geometry box");

System.out.println("6. Search for Specific Cart");

System.out.println("7. View Cart");

System.out.println("8. To go back to main menu");

System.out.println("Enter your choice :");

ch = scanner.nextInt();

switch(ch) {

    case 1:

        paper_items(cart);

        break;

    case 2:

        writing(cart);

        break;

    case 3:

        drawing(cart);

        break;

    case 4: books(cart);

        break;

    case 5:

        System.out.println("Number of geometry box(es) that you want to buy/add :");

        int n=scanner.nextInt();

        cart.quantity.add(n);

        cart.cartlist.add("Geometry box");

        break;

    case 6:

        searchItems();

        break;

    case 7:

        cart.display_menu();
```

```
        break;

case 8:
    //return back to main menu
    return;
}

}

while(ch!=6);
}

public void paper_items(ShoppingCart cart) {
    int choice;
    do {
        System.out.println(" *****PAPER ITEMS
MENU*****");
        System.out.println("1. Chart papers : Available in any colour");
        System.out.println("2. Colour papers");
        System.out.println("3. Blank sheets ");
        System.out.println("4. Maps");
        System.out.println("5. Graph paper]");
        System.out.println("6. To go back to stationary menu");
        System.out.println("Enter your choice :");
        choice= scanner.nextInt();
        switch(choice) {
            case 1:
                System.out.println("Enter the colour you want for chart paper :");
                String colour= scanner.next();
                System.out.println("Enter quantity :");
                int quan=scanner.nextInt();
                System.out.println("Color :" + colour + ", Quantity :" + quan);
                cart.cartlist.add("Chart paper");
                cart.quantity.add(quan);
        }
    }
}
```

```
break;

case 2:
System.out.println("Enter the set of how many colour papers you want [5,10,25] :");
int set=scanner.nextInt();
System.out.println("Enter the quantity of colour paper sheet you want to buy/add:");
int quant=scanner.nextInt();
cart.cartlist.add("Color paper");
cart.quantity.add(quant);
System.out.println("Set :" +set + ",Quantity:" + quant);
break;

case 3:
System.out.println("Which size blank do you want? [A3,A2,A4,A5] :");
System.out.println("1 for A3, 2 for A2, 3 for A4, 4 for A5");
int size=scanner.nextInt();
System.out.println("Enter the quantity of sheet(s) you want to buy/add:");
int quant1=scanner.nextInt();
cart.cartlist.add("Blank sheet");
cart.quantity.add(quant1);
System.out.println("Size:" +size + ",Quantity:" + quant1);
break;

case 4:
System.out.println("Enter which map do you want [Physical, political, World] :");
String map= scanner.next();
System.out.println("Enter the quantity of map(s) you want to buy/add:");
int q=scanner.nextInt();
cart.cartlist.add("Map");
cart.quantity.add(q);
System.out.println("Type of map:" +map + ",Quantity:" + q);
break;
```

```
case 5:  
System.out.println("Enter no. of graphs that you want to buy/add :");  
int q1=scanner.nextInt();  
cart.cartlist.add("Graph paper");  
cart.quantity.add(q1);  
System.out.println("Quantity:" + q1);  
break;  
  
case 6:  
//return back to prev. menu  
return;  
}  
}  
  
while(choice!=6);  
}  
  
public void writing(ShoppingCart cart) {  
int opt;  
do {  
System.out.println("***** WRITING ITEMS  
MENU*****");  
System.out.println("1. Ball pen");  
System.out.println("2. Gel pen");  
System.out.println("3. Pencil ");  
System.out.println("4. Eraser");  
System.out.println("5. Sharpener ");  
System.out.println("6. To go back to stationary menu ");  
System.out.println("Enter your choice :");  
opt=scanner.nextInt();  
switch(opt) {  
case 1:  
System.out.println("Enter the quantity ball pen(s) you want to buy/add :");
```

```
int q=scanner.nextInt();
cart.cartlist.add("Ball pen");
cart.quantity.add(q);
System.out.println("Quantity:" + q);
break;
case 2:
System.out.println("Enter the quantity gel pen(s) you want to buy/add :");
int q1=scanner.nextInt();
cart.cartlist.add("Gel pen");
cart.quantity.add(q1);
System.out.println("Quantity:" + q1);
break;
case 3:
System.out.println("Enter the quantity pencil(s) you want to buy/add :");
int q2=scanner.nextInt();
cart.cartlist.add("Pencil");
cart.quantity.add(q2);
System.out.println("Quantity:" + q2);
break;
case 4:
System.out.println("Enter the quantity eraser(s) you want to buy/add :");
int q3=scanner.nextInt();
cart.cartlist.add("Eraser");
cart.quantity.add(q3);
System.out.println("Quantity:" + q3);
break;
case 5:
System.out.println("Enter the quantity of sharpener(s) you want to buy/add:");
int q4=scanner.nextInt();
```

```

cart.cartlist.add("Sharpener");
cart.quantity.add(q4);
System.out.println("Quantity:" + q4);
break;
case 6:
//
return;
}
}

while(opt!=6);
}

public void drawing(ShoppingCart cart) {
int opt1;
do {
System.out.println("*****DRAWING
ITEMS*****");
System.out.println("1. Engineering drawing set: includes- Rolling scale, french cuves, HB
pencil");
System.out.println("2. Watercolour paints");
System.out.println("3. Crayons ");
System.out.println("4. Charcoal pencil");
System.out.println("5. Oil paints ");
System.out.println("6. To go back to stationary menu ");
System.out.println("Enter your choice :");
opt1=scanner.nextInt();
switch(opt1) {
case 1:
System.out.println("Enter the quantity of engg. drawing set(s) you want to buy/add :");
int q=scanner.nextInt();
cart.cartlist.add("EG set");
}
}
}

```

```
cart.quantity.add(q);
System.out.println("Quantity:" + q);
break;
case 2:
System.out.println("Enter the quantity watercolour paints box you want to buy/add :");
int q1=scanner.nextInt();
cart.cartlist.add("Watercolour");
cart.quantity.add(q1);
System.out.println("Quantity:" + q1);
break;
case 3:
System.out.println("Enter the quantity crayon box(es) you want to buy/add :");
int q2=scanner.nextInt();
cart.cartlist.add("Crayons");
cart.quantity.add(q2);
System.out.println("Quantity:" + q2);
break;
case 4:
System.out.println("Enter the quantity charcoal pencil set(s) you want to buy/add :");
int q3=scanner.nextInt();
cart.cartlist.add("Charcoal pencil");
cart.quantity.add(q3);
System.out.println("Quantity:" + q3);
break;
case 5:
System.out.println("Enter the quantity of oil paint box(es) you want to buy/add :");
int q4=scanner.nextInt();
cart.cartlist.add("Oil paints");
cart.quantity.add(q4);
```

```
System.out.println("Quantity:"+ q4);
break;
case 6:
//to return to stationary menu
return;
}
}

while(opt1!=6);
}

public void books(ShoppingCart cart) {
int opt2;
do {
System.out.println("*****BOOKS AND NOTEBOOKS
MENU*****");
System.out.println("1. A4-sized ruled notebook");
System.out.println("2. A5 Sketchbook");
System.out.println("3. Long ruled book");
System.out.println("4. File");
System.out.println("5. Kids learner-kindergarten learning set [handwriting,rhymes and
alphabets]");
System.out.println("6. To go back to stationary menu ");
System.out.println("Enter your choice :");
opt2=scanner.nextInt();
switch(opt2) {
case 1:
System.out.println("Enter the quantity of A4 sized ruled notebook(s) you want to buy/add
:");
int q=scanner.nextInt();
cart.cartlist.add("A4-sized ruled notebook");
cart.quantity.add(q);
```

```
System.out.println("Quantity:" + q);
break;

case 2:
System.out.println("Enter the quantity A5 notebook(s) box you want to buy/add :");
int q1=scanner.nextInt();
cart.cartlist.add("A5 sketchbook");
cart.quantity.add(q1);
System.out.println("Quantity:"+ q1);
break;

case 3:
System.out.println("Enter the quantity long ruled notebook(s) you want to buy/add :");
int q2=scanner.nextInt();
cart.cartlist.add("Long ruled book");
cart.quantity.add(q2);
System.out.println("Quantity:" + q2);
break;

case 4:
System.out.println("Enter the quantity file(s) you want to buy/add :");
int q3=scanner.nextInt();
cart.cartlist.add("File");
cart.quantity.add(q3);
System.out.println("Quantity:" +q3);
break;

case 5:
System.out.println("Enter the quantity kids learner(s) you want to buy/add :");
int q4=scanner.nextInt();
cart.cartlist.add("Kids set");
cart.quantity.add(q4);
System.out.println("Quantity:" + q4);
```

```
break;  
case 6:  
//to return to stationary menu  
return;  
}  
}  
while(opt2!=6);  
}  
}
```

Outputs:

Groceries:

```
eclipse-workspace - miniproject/src/miniproject/Main.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Problems Javadoc Declaration Console
Main [Java Application] [pid: 21340]
*****SIGN UP*****
Enter your name:
Mr. R.S.Mishra
Enter your Phone number (10 digits):
65794338
Error. Try Again!
Tip: The phone number should be of 10 digits.
Enter your Phone number (10 digits):
9823452365
Welcome to M.A.C.S. MART!
Menu:
1. Groceries
2. Fashion
3. Appliances and Electronics
4. Stationary
5. Exit
Enter your choice: 1
Groceries Menu:
1. Browse Groceries
2. Search for Specific Items
3. View Cart
4. Go Back to Main Menu
Enter your choice: 1
Browse Groceries:
1. Fruits
2. Vegetables
3. Dairy Products
4. Go Back to Groceries Menu
Enter your choice: 1
Menu of Fruits:
1. Apple
2. Banana
3. Orange
4. Mango
5. Pineapple
4
Main [Java Application] [pid: 21340]
4. Mango
5. Pineapple
6. Go back to previous menu
Enter your choice: 5
Enter the quantity:
4
Menu of Fruits:
1. Apple
2. Banana
3. Orange
4. Mango
5. Pineapple
6. Go back to previous menu
Enter your choice: 6
Browse Groceries:
1. Fruits
2. Vegetables
3. Dairy Products
4. Go Back to Groceries Menu
Enter your choice: 2
Menu of Vegetables:
1. Spinach
2. Carrots
3. Potatoes
4. Cauliflower
5. Cabbage
6. Go back to previous menu
Enter your choice: 4
Enter the quantity:
2
Menu of Vegetables:
1. Spinach
2. Carrots
3. Potatoes
4. Cauliflower
```

```
eclipse-workspace - miniproject/src/miniproject/Main.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Main Java Application [pid: 21340]
3. Potatoes
4. Cauliflower
5. Cabbage
6. Go back to previous menu
Enter your choice: 6
Browse Groceries:
1. Fruits
2. Vegetables
3. Dairy Products
4. Go Back to Groceries Menu
Enter your choice: 3
Menu of dairyproducts:
1. Milk
2. Cheese
3. Yoghurt
4. Butter
5. Eggs
6. Go back to previous menu
Enter your choice: 3
Enter the quantity:
5
Menu of dairyproducts:
1. Milk
2. Cheese
3. Yoghurt
4. Butter
5. Eggs
6. Go back to previous menu
Enter your choice: 6
Browse Groceries:
1. Fruits
2. Vegetables
3. Dairy Products
4. Go Back to Groceries Menu
Enter your choice: 4
```

```
eclipse-workspace - miniproject/src/miniproject/Main.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Main Java Application [pid: 21340]
4. Go Back to Groceries Menu
Enter your choice: 4
Going back to groceries menu...
Groceries Menu:
1. Browse Groceries
2. Search for Specific Items
3. View Cart
4. Go Back to Main Menu
Enter your choice: 2
Enter the item to search: strawberry
strawberry is not found in the list.
Groceries Menu:
1. Browse Groceries
2. Search for Specific Items
3. View Cart
4. Go Back to Main Menu
Enter your choice: 2
Enter the item to search: Milk
Milk is found in the list.
Price is: 12
Groceries Menu:
1. Browse Groceries
2. Search for Specific Items
3. View Cart
4. Go Back to Main Menu
Enter your choice: 3
1.Add to Cart
2.Remove from cart
3.Display Cart
4.Display bill
Enter your choice:
3
*****
Item Name           | Quantity |
*****
```

eclipse-workspace - miniproject/src/miniproject/Main.java - Eclipse IDE

```

File Edit Source Refactor Navigate Search Project Run Window Help
File Problems Javadoc Declaration Console X
Main [Java Application] [pid:21340]
strawberry is not found in the list.
Groceries Menu:
1. Browse Groceries
2. Search for Specific Items
3. View Cart
4. Go Back to Main Menu
Enter your choice: 2
Enter the item to search: Milk
Milk is found in the list.
Price is: 12
Groceries Menu:
1. Browse Groceries
2. Search for Specific Items
3. View Cart
4. Go Back to Main Menu
Enter your choice: 3
1.Add to Cart
2.Remove from cart
3.Display Cart
4.Display bill
Enter your choice:
3
*****
Item Name | Quantity |
*****
Mango | 12
Pineapple | 4
Cauliflower | 2
Yoghurt | 5
Groceries Menu:
1. Browse Groceries
2. Search for Specific Items
3. View Cart
4. Go Back to Main Menu
Enter your choice:

```



Fashion:

eclipse-workspace - miniproject/src/miniproject/Main.java - Eclipse IDE

```

File Edit Source Refactor Navigate Search Project Run Window Help
File Problems Javadoc Declaration Console X
Main [Java Application] [pid:21340]
Welcome to M.A.C.S. MART!
Menu:
1. Groceries
2. Fashion
3. Appliances and Electronics
4. Stationary
5. Exit
Enter your choice: 2
****Fashion Menu****
1. Men's wear
2. Women's Wear
3. Kid's Section
4. Search for Specific clothing
5. Display clothing chart
6. View Cart
7. Go Back to Main Menu
Enter your choice:
1
1. Formal wear
2. Tshirts and jeans
3. Indian wear
4. Go Back to Main Menu
Enter your choice: 1
1. Enter to display formal wear 2. Enter to go back to main menu
1
1. Shirts
2. Trouzers
3. Blazers
4. Ties
5. Go back to main menu
Enter your choice:
1
Enter the color:
blue
Enter the shirt size (for ex. S, M, XL):

```



```
eclipse-workspace - miniproject/src/miniproject/Main.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Problems Javadoc Declaration Console X
Main [Java Application] [pid: 21340]
blue
Enter the shirt size (for ex. S, M, XL):
M
Enter the quantity:
2
Shirt - Color: blue, Size: M
1. Shirts
2. Trousers
3. Blazers
4. Ties
5. Go back to main menu
Enter your choice:
5
1. Enter to display formal wear 2. Enter to go back to main menu
2
1. Formal wear
2. Tshirts and jeans
3. Indian wear
4. Go Back to Main Menu
Enter your choice: 4
Going back to main menu...
****Fashion Menu****
1. Men's wear
2. Women's Wear
3. Kid's Section
4. Search for Specific clothing
5. Display clothing chart
6. View Cart
7. Go Back to Main Menu
Enter your choice:
2
****In Women's Category****
1) Tops and Jeans
2) Kurtis/Salwars

```

```
eclipse-workspace - miniproject/src/miniproject/Main.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Problems Javadoc Declaration Console X
Main [Java Application] [pid: 21340]
2) Kurtis/Salwars
3) Sarees
4) Dresses
5) Go back to Main menu
Enter your choice:
1
Enter what do you want to buy:
1) Tops
2) Jeans
3) Go back to Main menu
1
| Different Types of Tops |
| Patterns: |
-----
| 1. Crop Top |
| 2. Tank Top |
| 3. Off-Shoulder Top |
| 4. Peplum Top |
| 5. Wrap Top |
-----
Enter the pattern of top:
1
Enter the color:
red
Enter the Top size (for ex. S, M, XL):
3
Enter the quantity:
4
Top - Pattern: 1, Color: red, Size: s, Quantity: 4
Enter what do you want to buy:
1) Tops
2) Jeans
3) Go back to Main menu

```

```
eclipse-workspace - miniproject/src/miniproject/Main.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Main[Java Application] [pid:21340]
3) Go back to Main menu
1
-----| Different Types of Tops |-----|
| Patterns: |
|-----|
| 1. Crop Top |
| 2. Tank Top |
| 3. Off-Shoulder Top |
| 4. Peplum Top |
| 5. Wrap Top |
-----|
Enter the pattern of top:
Crop
Enter the color:
red
Enter the Top size (for ex. S, M, XL):
S
Enter the quantity:
2
Top - Pattern: Crop, Color: red, Size: S, Quantity: 2
Enter what do you want to buy:
1) Tops
2) Jeans
3) Go back to Main menu
3
Going back to main menu...
****In Women's Category****
1) Tops and Jeans
2) Kurtis/Salwars
3) Sarees
4) Dresses
5) Go back to Main menu
Enter your choice:

```

```
eclipse-workspace - miniproject/src/miniproject/Main.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Main[Java Application] [pid:21340]
5) Go back to Main menu
Enter your choice:
3
1. Enter to display Sarees 2. Enter to go back to main menu
1
-----| Saree Choices |-----|
| 1. Silk Saree |
| 2. Cotton Saree |
| 3. Georgette Saree |
| 4. Chiffon Saree |
| 5. Banarasi Saree |
-----|
Enter the pattern of saree:
Silk
Enter the color:
White
Enter the quantity:
5
Saree - Pattern: Silk, Color: White, Quantity: 5
1. Enter to display Sarees 2. Enter to go back to main menu
2
****In Women's Category****
1) Tops and Jeans
2) Kurtis/Salwars
3) Sarees
4) Dresses
5) Go back to Main menu
Enter your choice:
4
1. Enter to display dresses 2. Enter to go back to main menu
1
-----| Dress Choices |-----|

```

```
eclipse-workspace - miniproject/src/miniproject/Main.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Main Problems * Javadoc Declaration Console X
Main [Java Application] [pid:21340]
1. Enter to display dresses 2. Enter to go back to main menu
1
-----
| Dress Choices |
| 1. Maxi Dress |
| 2. Midi Dress |
| 3. Shift Dress |
| 4. A-Line Dress |
| 5. Wrap Dress |
-----
Enter the dress pattern:
Midi
Enter the color:
Yellow
Enter the dress size (for ex. S, M, XL):
L
Enter the quantity:
7
Dress - Pattern: Midi, Color: Yellow, Size: L, Quantity: 7
1. Enter to display dresses 2. Enter to go back to main menu
2
Going back to Main menu...
****In Women's Category****
1) Tops and Jeans
2) Kurtis/Salwars
3) Sarees
4) Dresses
5) Go back to Main menu
Enter your choice:
5
Going back to Main menu....
****Fashion Menu****
1. Men's wear
2. Women's Wear
2
```

```
eclipse-workspace - miniproject/src/miniproject/Main.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Main Problems * Javadoc Declaration Console X
Main [Java Application] [pid:21340]
1. Men's wear
2. Women's Wear
3. Kid's Section
4. Search for Specific clothing
5. Display clothing chart
6. View Cart
7. Go Back to Main Menu
Enter your choice:
3
1. Baby clothes
2. Girls Clothing
3. Boy's Clothing
4. Go back to main menu
Enter your choice: 1
1. Enter to display babywear 2. Enter to go back to main menu
1
-----
| Baby Wear Choices |
| 1. Onesie |
| 2. Romper |
| 3. Jumpsuit |
| 4. Baby Gown |
| 5. Baby T-Shirt |
-----
Enter your desired choice:
Onesie
Enter the color:
Green
Enter the dress size (for ex. S, M, XL):
S
Enter the quantity:
1
Babywear - Pattern: Onesie, Color: Green, Size: s, Quantity: 1
1. Enter to display babywear 2. Enter to go back to main menu
```

```
eclipse-workspace - miniproject/src/miniproject/Main.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Main Problems Javadoc Declaration Console X
Main [Java Application] [pid: 21340]
1. Enter to display babywear 2. Enter to go back to main menu
2
1. Baby clothes
2. Girls Clothing
3. Boy's Clothing
4. Go back to main menu
Enter your choice: 2
1. Enter to display girl's clothes 2. Enter to go back to main menu
1
-----
| Little Girl's Clothing |
| 1. Dress      |
| 2. Skirt      |
| 3. T-shirt    |
-----
Enter your desired choice:
Skirt
Enter the color:
purple
Enter the dress size (for ex. S, M, XL):
m
Enter the quantity:
4
Girl's Clothes - Pattern: Skirt, Color: purple, Size: m, Quantity: 4
1. Enter to display girl's clothes 2. Enter to go back to main menu
2
1. Baby clothes
2. Girls Clothing
3. Boy's Clothing
4. Go back to main menu
Enter your choice: 3
1. Enter to display boy's clothes 2. Enter to go back to main menu
1
-----
| Little Boy's Clothing |
| 1. T-shirt     |
| 2. Shirt       |
| 3. Shorts      |
-----
Enter your desired choice:
Shorts
Enter the color:
black
Enter the dress size (for ex. S, M, XL):

```

```
eclipse-workspace - miniproject/src/miniproject/Main.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Problems Javadoc Declaration Console
Main [Java Application] [pid: 21340]
m
Enter the quantity:
12
Boy's Clothing - Pattern: Shorts, Color: black, Size: m, Quantity: 12
1. Enter to display boy's clothes 2. Enter to go back to main menu
2
1. Baby clothes
2. Girls Clothing
3. Boy's Clothing
4. Go back to main menu
Enter your choice: 4
****Fashion Menu****
1. Men's wear
2. Women's Wear
3. Kid's Section
4. Search for Specific clothing
5. Display clothing chart
6. View Cart
7. Go Back to Main Menu
Enter your choice:
4
Enter the item to search: Jacket
Jacket is not found in the list.
****Fashion Menu****
1. Men's wear
2. Women's Wear
3. Kid's Section
4. Search for Specific clothing
5. Display clothing chart
6. View Cart
7. Go Back to Main Menu
Enter your choice:
4
Enter the item to search: Blazers
Blazers is found in the list.

```

```
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eclipse-workspace - miniproject/src/miniproject/Main.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Problems Javadoc Declaration Console
Main [Java Application] [pid: 21340]
Enter the item to search: Blazers
Blazers is found in the list.
****Fashion Menu****
1. Men's wear
2. Women's Wear
3. Kid's Section
4. Search for Specific clothing
5. Display clothing chart
6. View Cart
7. Go Back to Main Menu
Enter your choice:
5
1. Men's clothing chart 2. Women's Clothing chart 3. Go back to Main menu
Enter your choice:
1
-----
| Men's Clothing Size Chart |
|-----|
| Shirt Sizes   Trouser Sizes   |
| S: 36-38"     S: 28-30"      |
| M: 39-41"     M: 32-34"      |
| L: 42-44"     L: 36-38"      |
| XL: 45-48"    XL: 40-42"     |
| XXL: 49-52"   XXL: 44-46"    |
|-----|
| Blazer Sizes Tie Length      |
| S: 36-38"     Regular: 58"   |
| M: 40-42"     Long: 62"     |
| L: 44-46"     |             |
| XL: 48-50"    |             |
| XXL: 52-54"   |             |
-----
1. Men's clothing chart 2. Women's Clothing chart 3. Go back to Main menu
Enter your choice:
2

```

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```
eclipse-workspace - miniproject/src/miniproject/Main.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Problems Javadoc Declaration Console
Main [Java Application] [pid: 21340]
2
-----
| Women's Clothing Size Chart |
| Tops & Jeans   Kurtis/Salwars |
| Tops: S-XL     Kurtis: S-XL |
| Jeans: 26-32"  Salwars: S-XL |
| |
| Sarees          Dresses        |
| Free Size       S-XL          |
| |
| Baby Clothes    Girls Clothing |
| 0-24 Months    2T-16 Years    |
| |
| Boy's Clothing  |
| 2T-20 Years     |
-----
1. Men's clothing chart 2. Women's Clothing chart 3. Go back to Main menu
Enter your choice:
3
****Fashion Menu****
1. Men's wear
2. Women's Wear
3. Kid's Section
4. Search for Specific clothing
5. Display clothing chart
6. View Cart
7. Go Back to Main Menu
Enter your choice:
6
1.Add to Cart
2.Remove from cart
3.Display Cart
4.Display bill
Enter your choice:
4
1.Add to Cart
2.Remove from cart
3.Display Cart
4.Display bill
Enter your choice:
3
*****
Item Name | Quantity |
*****
Mango      | 12
Pineapple  | 4
Cauliflower | 2
Yoghurt    | 5
Shirts     | 2
Tops       | 4
Tops       | 2
Saree      | 5
Dress      | 7
Babywear   | 1
girlswear  | 4
Boyswear   | 12
****Fashion Menu****
1. Men's Wear
2. Women's Wear
3. Kid's Section
4. Search for Specific clothing
5. Display clothing chart
6. View Cart
7. Go Back to Main Menu
Enter your choice:
```

```
eclipse-workspace - miniproject/src/miniproject/Main.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Problems Javadoc Declaration Console
Main [Java Application] [pid: 21340]
6. View Cart
7. Go Back to Main Menu
Enter your choice:
6
1.Add to Cart
2.Remove from cart
3.Display Cart
4.Display bill
Enter your choice:
3
*****
Item Name | Quantity |
*****
Mango      | 12
Pineapple  | 4
Cauliflower | 2
Yoghurt    | 5
Shirts     | 2
Tops       | 4
Tops       | 2
Saree      | 5
Dress      | 7
Babywear   | 1
girlswear  | 4
Boyswear   | 12
****Fashion Menu****
1. Men's Wear
2. Women's Wear
3. Kid's Section
4. Search for Specific clothing
5. Display clothing chart
6. View Cart
7. Go Back to Main Menu
Enter your choice:
```

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Electronics and Appliances

```
eclipse-workspace - miniproject/src/miniproject/Main.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Problems Javadoc Declaration Console
Main [Java Application] [pid: 21340]
Welcome to M.A.C.S. MART!
Menu:
1. Groceries
2. Fashion
3. Appliances and Electronics
4. Stationary
5. Exit
Enter your choice: 3
Electronics Menu:
1. Electrical appliances
2. Electronic devices
3. Search specific item
4. View Cart
5. Go Back to Main Menu
Enter your choice: 1
Browse Electricals:
1. Refrigerator
2. Washing machine
3. Microwave oven
4. Vacuum cleaner
5. Toaster
6. Mixer/Grinder
7. Blender
8. Television
9. Go Back to previous menu (Electronics Menu)
Enter your choice: 1
+-----+
| Refrigerators Capacity List in Litres |
+-----+
| Compact/Mini Refrigerators | 1 - 4.5 |
| Small to Medium Sized Refrigerators | 10 - 18 |
| Medium to Large Sized Refrigerators | 18 - 35 |
+-----+
Enter the color of your choice:
Violet
+-----+
```

```
eclipse-workspace - miniproject/src/miniproject/Main.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Problems Javadoc Declaration Console
Main [Java Application] [pid: 21340]
Enter the color of your choice:
Violet
Enter the holding capacity of refrigerator(5 litres to 15 litres)
12
Enter the quantity:
3
colour Violet, Capacity12
Browse Electricals:
1. Refrigerator
2. Washing machine
3. Microwave oven
4. Vacuum cleaner
5. Toaster
6. Mixer/Grinder
7. Blender
8. Television
9. Go Back to previous menu (Electronics Menu)
Enter your choice: 5
Enter the colour :
red
Enter the quantity:
2
Color: red, Quantity: 2
Browse Electricals:
1. Refrigerator
2. Washing machine
3. Microwave oven
4. Vacuum cleaner
5. Toaster
6. Mixer/Grinder
7. Blender
8. Television
9. Go Back to previous menu (Electronics Menu)
Enter your choice: 9
Going back to previous menu.....
```

```
eclipse-workspace - miniproject/src/miniproject/Main.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Main [Java Application] [pid: 21340]
Going back to previous menu.....
Electronics Menu:
1. Electrical appliances
2. Electronic devices
3. Search specific item
4. View Cart
5. Go Back to Main Menu
Enter your choice: 2
*****ELECTRONIC DEVICES MENU*****
1. Smart phone
2. Earphones
3. Headphones
4. Ipad
5. Bluetooth speaker
6. Laptop
7. Smart watch
8. Monitor
9. Go Back to previous menu (Electronics Menu)
Enter your choice: 7
Which type of smartwatch do you want to buy/add? [circular / Square] :
circular
Enter the colour :
yellow
Enter the quantity:
1
Colour: yellow, Type [circular/square]: circular, Quantity: 1
*****ELECTRONIC DEVICES MENU*****
1. Smart phone
2. Earphones
3. Headphones
4. Ipad
5. Bluetooth speaker
6. Laptop
7. Smart watch
8. Monitor

eclipse-workspace - miniproject/src/miniproject/Main.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Main [Java Application] [pid: 21340]
8. Monitor
9. Go Back to previous menu (Electronics Menu)
Enter your choice: 9
Going back to previous menu.....
Electronics Menu:
1. Electrical appliances
2. Electronic devices
3. Search specific item
4. View Cart
5. Go Back to Main Menu
Enter your choice: 3
Enter the item to search: ac
ac is not found in the list.
Electronics Menu:
1. Electrical appliances
2. Electronic devices
3. Search specific item
4. View Cart
5. Go Back to Main Menu
Enter your choice: 3
Enter the item to search: TV
TV is found in the list.
Electronics Menu:
1. Electrical appliances
2. Electronic devices
3. Search specific item
4. View Cart
5. Go Back to Main Menu
Enter your choice: 4
1.Add to Cart
2.Remove from cart
3.Display Cart
4.Display bill
Enter your choice:
3

eclipse-workspace - miniproject/src/miniproject/Main.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Main [Java Application] [pid: 21340]
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```

```
eclipse-workspace - miniproject/src/miniproject/Main.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Main Java Application [pid: 21340]
5. Go Back to Main Menu
Enter your choice: 4
1.Add to Cart
2.Remove from cart
3.Display Cart
4.Display bill
Enter your choice:
3
*****
Item Name           | Quantity |
*****
Mango              | 12
Pineapple          | 4
Cauliflower        | 2
Yoghurt            | 5
Shirts             | 2
Tops               | 4
Tops               | 2
Saree              | 5
Dress              | 7
Babywear           | 1
girlswear          | 4
Boyswear           | 12
Refridgerator      | 3
Toaster            | 2
Smart watch        | 1
Going back to main menu...
Welcome to M.A.C.S. MART!
Menu:
1. Groceries
2. Fashion
3. Appliances and Electronics
4. Stationary
5. Exit
Enter your choice:
4
```



Stationary:

```
eclipse-workspace - miniproject/src/miniproject/Main.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Main Java Application [pid: 21340]
Welcome to M.A.C.S. MART!
Menu:
1. Groceries
2. Fashion
3. Appliances and Electronics
4. Stationary
5. Exit
Enter your choice: 4
*****
***** STATIONARY MENU *****
1. Paper items [eg.: chart paper, A4 sheet etc.]
2. Writing items [eg.: Pen, pencil etc.]
3. Items for drawing/sketching
4. Books and notebooks
5. Geometry box
6. Search for Specific Cart
7. View Cart
8. To go back to main menu
Enter your choice :
1
*****
***** PAPER ITEMS MENU *****
1. Chart papers : Available in any colour
2. Colour papers
3. Blank sheets
4. Maps
5. Graph paper]
6. To go back to stationary menu
Enter your choice :
5
Enter no. of graphs that you want to buy/add :
3
Quantity:3
*****
***** PAPER ITEMS MENU *****
1. Chart papers : Available in any colour
2. Colour papers
3. Blank sheets
```



```

eclipse-workspace - miniproject/src/miniproject/Main.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Main Java Application [pid: 21340]
3. Blank sheets
4. Maps
5. Graph paper
6. To go back to stationary menu
Enter your choice :
6
***** STATIONARY MENU *****
1. Paper items [eg.: chart paper, A4 sheet etc.]
2. Writing items [eg.: Pen, pencil etc.]
3. Items for drawing/sketching
4. Books and notebooks
5. Geometry box
6. Search for Specific Cart
7. View Cart
8. To go back to main menu
Enter your choice :
4
*****BOOKS AND NOTEBOOKS MENU*****
1. A4-sized ruled notebook
2. A5 Sketchbook
3. Long ruled book
4. File
5. Kids learner-kindergarten learning set [handwriting,rhymes and alphabets]
6. To go back to stationary menu
Enter your choice :
4
Enter the quantity file(s) you want to buy/add :
2
Quantity:2
*****BOOKS AND NOTEBOOKS MENU*****
1. A4-sized ruled notebook
2. A5 Sketchbook
3. Long ruled book
4. File
5. Kids learner-kindergarten learning set [handwriting,rhymes and alphabets]
6. To go back to stationary menu
Enter your choice :
1
Enter the quantity of A4 sized ruled notebook(s) you want to buy/add :
4
Quantity:4
*****BOOKS AND NOTEBOOKS MENU*****
1. A4-sized ruled notebook
2. A5 Sketchbook
3. Long ruled book
4. File
5. Kids learner-kindergarten learning set [handwriting,rhymes and alphabets]
6. To go back to stationary menu
Enter your choice :
6
***** STATIONARY MENU *****
1. Paper items [eg.: chart paper, A4 sheet etc.]
2. Writing items [eg.: Pen, pencil etc.]
3. Items for drawing/sketching
4. Books and notebooks
5. Geometry box
6. Search for Specific Cart
7. View Cart
8. To go back to main menu
Enter your choice :
6
Enter the item to search: Brush
Brush is not found in the list.
Welcome to M.A.C.S. MART!
Menu:
1. Groceries
2. Fashion
3. Appliances and Electronics
4. Stationary

```

```
eclipse-workspace - miniproject/src/miniproject/Main.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Problems Javadoc Declaration Console
Main [Java Application] [pid: 21340]
4. Stationary
5. Exit
Enter your choice: 4
***** STATIONARY MENU *****
1. Paper items [eg.: chart paper, A4 sheet etc.]
2. Writing items [eg.: Pen, pencil etc.]
3. Items for drawing/sketching
4. Books and notebooks
5. Geometry box
6. Search for Specific Cart
7. View Cart
8. To go back to main menu
Enter your choice :
6
Enter the item to search: File
File is found in the list.
Welcome to M.A.C.S. MART!
Menu:
1. Groceries
2. Fashion
3. Appliances and Electronics
4. Stationary
5. Exit
Enter your choice: 4
***** STATIONARY MENU *****
1. Paper items [eg.: chart paper, A4 sheet etc.]
2. Writing items [eg.: Pen, pencil etc.]
3. Items for drawing/sketching
4. Books and notebooks
5. Geometry box
6. Search for Specific Cart
7. View Cart
8. To go back to main menu
Enter your choice :
/
```

```
eclipse-workspace - miniproject/src/miniproject/Main.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Problems Javadoc Declaration Console
Main [Java Application] [pid: 21340]
Enter your choice :
7
1.Add to Cart
2.Remove from cart
3.Display Cart
4.Display bill
Enter your choice:
3
***** ! Quantity !
*****
Item Name | Quantity |
*****
Mango | 12
Pineapple | 4
Cauliflower | 2
Yoghurt | 5
Shirts | 2
Tops | 4
Tops | 2
Saree | 5
Dress | 7
Babywear | 1
girlswear | 4
Boyswear | 12
Refridgerator | 3
Toaster | 2
Smart watch | 1
Graph paper | 3
File | 2
A4-sized ruled notebook | 4
***** STATIONARY MENU *****
1. Paper items [eg.: chart paper, A4 sheet etc.]
2. Writing items [eg.: Pen, pencil etc.]
3. Items for drawing/sketching
4. Books and notebooks
5. Geometry box

```

eclipse-workspace - miniproject/src/miniproject/Main.java - Eclipse IDE

```

File Edit Source Refactor Navigate Search Project Run Window Help
Main [Java Application] [pid: 21340]
4. Display bill
Enter your choice:
3
*****
Item Name | Quantity |
*****
Mango | 12
Pineapple | 4
Cauliflower | 2
Yoghurt | 5
Shirts | 2
Tops | 4
Tops | 2
Saree | 5
Dress | 7
Babywear | 1
girlswear | 4
Boyswear | 12
Refridgerator | 3
Toaster | 2
Smart watch | 1
Graph paper | 3
File | 2
A4-sized ruled notebook | 4
*****
STATIONARY MENU *****
1. Paper items [eg.: chart paper, A4 sheet etc.]
2. Writing items [eg.: Pen, pencil etc.]
3. Items for drawing/sketching
4. Books and notebooks
5. Geometry box
6. Search for Specific Cart
7. View Cart
8. To go back to main menu
Enter your choice :

```

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Remove From Cart Option:

eclipse-workspace - miniproject/src/miniproject/Main.java - Eclipse IDE

```

File Edit Source Refactor Navigate Search Project Run Window Help
Main [Java Application] [pid: 21340]
*****
STATIONARY MENU *****
1. Paper items [eg.: chart paper, A4 sheet etc.]
2. Writing items [eg.: Pen, pencil etc.]
3. Items for drawing/sketching
4. Books and notebooks
5. Geometry box
6. Search for Specific Cart
7. View Cart
8. To go back to main menu
Enter your choice :
8
Welcome to M.A.C.S. MART!
Menu:
1. Groceries
2. Fashion
3. Appliances and Electronics
4. Stationary
5. Exit
Enter your choice: 2
****Fashion Menu****
1. Men's wear
2. Women's Wear
3. Kid's Section
4. Search for Specific clothing
5. Display clothing chart
6. View Cart
7. Go Back to Main Menu
Enter your choice:
6
1.Add to Cart
2.Remove from cart
3.Display Cart
4.Display bill
Enter your choice:

```

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```
eclipse-workspace - miniproject/src/miniproject/Main.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
File Problems Javadoc Declaration Console X
Main [Java Application] [pid: 21340]
Enter your choice:
2
Enter number of items you wish to remove from collection:
1
Enter the item name:
Tops
Item removed successfully!
****Fashion Menu****
1. Men's wear
2. Women's Wear
3. Kid's Section
4. Search for Specific clothing
5. Display clothing chart
6. View Cart
7. Go Back to Main Menu
Enter your choice:
6
1.Add to Cart
2.Remove from cart
3.Display Cart
4.Display bill
Enter your choice:
3
*****
Item Name | Quantity |
*****
Mango | 12
Pineapple | 4
Cauliflower | 5
Yoghurt | 2
Shirts | 2
Tops | 2
Saree | 5
Dress | 7
Babywear | 1

12:46 19-04-2024 ENG IN
```

```
eclipse-workspace - miniproject/src/miniproject/Main.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
File Problems Javadoc Declaration Console X
Main [Java Application] [pid: 21340]
2.Remove from cart
3.Display Cart
4.Display bill
Enter your choice:
3
*****
Item Name | Quantity |
*****
Mango | 12
Pineapple | 4
Cauliflower | 2
Yoghurt | 5
Shirts | 2
Tops | 2
Saree | 5
Dress | 7
Babywear | 1
girlswear | 4
Boyswear | 12
Refridgerator | 3
Toaster | 2
Smart watch | 1
Graph paper | 3
File | 2
A4-sized ruled notebook | 4
****Fashion Menu****
1. Men's Wear
2. Women's Wear
3. Kid's Section
4. Search for Specific clothing
5. Display clothing chart
6. View Cart
7. Go Back to Main Menu
Enter your choice:

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```

```
eclipse-workspace - miniproject/src/miniproject/Main.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
File Problems Javadoc Declaration Console X
Main [Java Application] [pid: 21340]

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```

Add to Cart Option:

```
eclipse-workspace - miniproject/src/miniproject/Main.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Problems Javadoc Declaration Console
Main [Java Application] [pid: 21340]
***Fashion Menu***
1. Men's Wear
2. Women's Wear
3. Kid's Section
4. Search for Specific clothing
5. Display clothing chart
6. View Cart
7. Go Back to Main Menu
Enter your choice:
7
Welcome to M.A.C.S. MART!
Menu:
1. Groceries
2. Fashion
3. Appliances and Electronics
4. Stationary
5. Exit
Enter your choice: 1
Groceries Menu:
1. Browse Groceries
2. Search for Specific Items
3. View Cart
4. Go Back to Main Menu
Enter your choice: 3
1.Add to Cart
2.Remove from cart
3.Display Cart
4.Display bill
Enter your choice:
1
Groceries Menu:
1. Browse Groceries
2. Search for Specific Items
3. View Cart
4. Go Back to Main Menu
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eclipse-workspace - miniproject/src/miniproject/Main.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Problems Javadoc Declaration Console
Main [Java Application] [pid: 21340]
2. Search for Specific Items
3. View Cart
4. Go Back to Main Menu
Enter your choice: 1
Browse Groceries:
1. Fruits
2. Vegetables
3. Dairy Products
4. Go Back to Groceries Menu
Enter your choice: 1
Menu of Fruits:
1. Apple
2. Banana
3. Orange
4. Mango
5. Pineapple
6. Go back to previous menu
Enter your choice: 1
Enter the quantity:
10
Menu of Fruits:
1. Apple
2. Banana
3. Orange
4. Mango
5. Pineapple
6. Go back to previous menu
Enter your choice: 6
Browse Groceries:
1. Fruits
2. Vegetables
3. Dairy Products
4. Go Back to Groceries Menu
Enter your choice: 4
Going back to groceries menu...
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```

Display Cart for all Items(Added + Removed):

```
eclipse-workspace - miniproject/src/miniproject/Main.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Main Java Application [pid: 21340]
Enter your choice: 4
Going back to groceries menu...
Groceries Menu:
1. Browse Groceries
2. Search for Specific Items
3. View Cart
4. Go Back to Main Menu
Enter your choice: 3
1.Add to Cart
2.Remove from cart
3.Display Cart
4.Display bill
Enter your choice:
3
*****
Item Name | Quantity |
*****
Mango | 12
Pineapple | 4
Cauliflower | 2
Yoghurt | 5
Shirts | 2
Tops | 2
Saree | 5
Dress | 7
Babywear | 1
girlswear | 4
Boyswear | 12
Refridgerator | 3
Toaster | 2
Smart watch | 1
Graph paper | 3
File | 2
A4-sized ruled notebook | 4
Apple | 10
```

```
eclipse-workspace - miniproject/src/miniproject/Main.java - Eclipse IDE
File Edit Source Refactor Navigate Project Run Window Help
Main Java Application [pid: 21340]
4. Go Back to Main Menu
Enter your choice: 3
1.Add to Cart
2.Remove from cart
3.Display Cart
4.Display bill
Enter your choice:
3
*****
Item Name | Quantity |
*****
Mango | 12
Pineapple | 4
Cauliflower | 2
Yoghurt | 5
Shirts | 2
Tops | 2
Saree | 5
Dress | 7
Babywear | 1
girlswear | 4
Boyswear | 12
Refridgerator | 3
Toaster | 2
Smart watch | 1
Graph paper | 3
File | 2
A4-sized ruled notebook | 4
Apple | 10
Groceries Menu:
1. Browse Groceries
2. Search for Specific Items
3. View Cart
4. Go Back to Main Menu
Enter your choice:
```

eclipse-workspace - miniproject/src/miniproject/Main.java - Eclipse IDE

```

File Edit Source Refactor Navigate Search Project Run Window Help
Problems Javadoc Declaration Console
Main [Java Application] [pid: 21340]
Apple | 10
Groceries Menu:
1. Browse Groceries
2. Search for Specific Items
3. View Cart
4. Go Back to Main Menu
Enter your choice: 4
Going back to main menu...
Welcome to M.A.C.S. MART!
Menu:
1. Groceries
2. Fashion
3. Appliances and Electronics
4. Stationary
5. Exit
Enter your choice: 1
Groceries Menu:
1. Browse Groceries
2. Search for Specific Items
3. View Cart
4. Go Back to Main Menu
Enter your choice: 3
1.Add to Cart
2.Remove from cart
3.Display Cart
4.Display bill
Enter your choice:
4
-----| Item | Price (Rs.) | Quantity | Total (Rs.) |
-----| Mango | 10.00 | 12 | 120.00 |
| Pineapple | 5.00 | 4 | 20.00 |
| Cauliflower | 8.00 | 2 | 16.00 |
| Yoghurt | 20.00 | 5 | 100.00 |
-----| Total | 82395.00 | | |
-----
```

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Display Final Bill for all Items:

eclipse-workspace - miniproject/src/miniproject/Main.java - Eclipse IDE

```

File Edit Source Refactor Navigate Search Project Run Window Help
Problems Javadoc Declaration Console
Main [Java Application] [pid: 21340]
2. Search for Specific Items
3. View Cart
4. Go Back to Main Menu
Enter your choice: 3
1.Add to Cart
2.Remove from cart
3.Display Cart
4.Display bill
Enter your choice:
4
-----| Item | Price (Rs.) | Quantity | Total (Rs.) |
-----| Mango | 10.00 | 12 | 120.00 |
| Pineapple | 5.00 | 4 | 20.00 |
| Cauliflower | 8.00 | 2 | 16.00 |
| Yoghurt | 20.00 | 5 | 100.00 |
| Shirts | 300.00 | 2 | 600.00 |
| Tops | 500.00 | 2 | 1000.00 |
| Saree | 1200.00 | 5 | 6000.00 |
| Dress | 700.00 | 7 | 4900.00 |
| Babywear | 250.00 | 1 | 250.00 |
| girlswear | 550.00 | 4 | 2200.00 |
| Boyswear | 800.00 | 12 | 9600.00 |
| Refrigerator | 15000.00 | 3 | 45000.00 |
| Toaster | 3000.00 | 2 | 6000.00 |
| Smart watch | 5000.00 | 1 | 5000.00 |
| Graph paper | 3.00 | 3 | 9.00 |
| File | 30.00 | 2 | 60.00 |
| A4-sized ruled notebook | 350.00 | 4 | 1400.00 |
| Apple | 12.00 | 10 | 120.00 |
-----| Total | 82395.00 | | |
-----
```

Thank You for Shopping! Visit Again

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Thank you!

