A Project Report on

SHOPPING APPLICATION USING JAVA PROGRAMMING LANGUAGE

submitted by

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under the mentorship of

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ABSTRACT

The Online Shopping application is a console based application using Java programming intended for users seeking online shopping experience. The main objective of this application is to make it interactive and its ease of use which would make selection of the product easier. Based on the user's input from the list of selections provided, the available products are chosen. The main feature of this application is that it is completely interactive and it is the user who is in control at all times. The system utilizes the versatile constructs of switch and if-else statements, along with modularization through methods, to achieve a functional and user-friendly shopping experience.

By combining switch and if-else statements with modular methods, this online shopping cart system achieves a balance between efficiency and maintainability. The program's design allows for easy extension and modification

SOURCE CODE:

File name:Shoppingapp.java

```
/**

 *

 */


package com.gqt.shoppingapplication.project;
import java.util.Scanner;
public class anotherprogram {

	public static void collect1() {
		Scanner sc=new Scanner (System.in);
		System.out.println("Do you want to continue...");
		String key10=sc.next();
		if(key10.equals("yes")) {
			if(key10.equalsIgnoreCase("yes")) {
				recipt();
			}
			else {
			}
		}
		else {
			System.out.println("do you want to change the product");
			String key7=sc.next();
			if(key7.equalsIgnoreCase("yes")) {
				main(null);
			}
			else {
				System.out.println("Do you want to exit");
				String key8=sc.next();
				if(key8.equalsIgnoreCase("yes")) {
					System.out.println("Thanks for visiting ....");
					System.exit(0);
				}
				else {
					main(null);
				}
			}
		}
	}
	public static void collect() {
		Scanner sc=new Scanner (System.in);
		System.out.println("Do you want to purchase this Product.... ");
		String key11=sc.next();
		if(key11.equalsIgnoreCase("yes")) {
			System.out.println("Do you want to see the specifications for
this product \n");
		}
```

```
		else {
			collect1();
		}
	}
	public static void changes() {
		Scanner sc=new Scanner(System.in);
		String key=sc.next();
		if(key.equalsIgnoreCase("yes")) {
			main(null);
		}
	}
	public static void recipt() {
		Scanner sc=new Scanner(System.in);
		System.out.println("OK....Do you want to proceed with the
payment....!!!");
		String key=sc.next();
		if(key.equalsIgnoreCase("yes")) {
			System.out.println("The bill recipt for this Product ......\n");
		}
		else {
			System.out.println("Do you want to purchase another
product....");
			String key2=sc.next();
			if(key2.equalsIgnoreCase("yes")) {
				main(null);
			}
			else {
				System.out.println("Do you want to exit");
				String key8=sc.next();
				if(key8.equalsIgnoreCase("yes"))
					System.out.println("Thank you for visiting ");
				System.exit(0);
			}
		}
	}
	public static void recipt3() {
		Scanner sc=new Scanner(System.in);
		System.out.println("Do you want to purchase another product");
		String yes=sc.next();
		if(yes.equalsIgnoreCase("yes")) {
			main(null);
		}
		else {
			System.out.println("Thank you for visiting");
			System.exit(0);
		}
	}

	public static void collectinput1() {
		Scanner sc=new Scanner(System.in);
		int choice=sc.nextInt();
		collect();
		switch(choice) {
		case 1:{
			String key3=sc.next();
```

```
                    if(key3.equalsIgnoreCase("yes")) {
                          System.out.println("1. Name \t :\t sofa");
                          System.out.println();
                          System.out.println("2.quantity\t: \t 1 \n \n");
                          System.out.println("Do you require changes in the
requirements...");
                          changes();
                    }
                    collect1();
                    System.out.println("Name  \t Color \t Quantity\t Price \n");
                    System.out.println("Sofa  \t Black \t  1\t \t5000 \n");
                    System.out.println("************************  **************");
                    System.out.println("Total amount is:                "+5000);
                    System.out.println("************************  **************");
                    recipt3();
              }
              case 2:{
                    String key3=sc.next();
                    if(key3.equalsIgnoreCase("yes")) {
                          System.out.println("1. Name \t :\t chair");
                          System.out.println();
                          System.out.println("2.quantity\t: \t 1 \n \n");
                          System.out.println("Do you require changes in the
requirements...");
                          changes();
                    }
                    collect1();
                    System.out.println("name  \t  color \tQuantity\t  price\n");
                    System.out.println("chairs  \t  White \t 1\t 500 \n");
                    System.out.println("************************  ***********");
                    System.out.println("Total amount is:                "+500);
                    System.out.println("************************  ***********");
                    recipt3();
              }
              }
        }
        public static void collectinput2() {
              Scanner sc=new Scanner (System.in);
              int choice=sc.nextInt();
              collect();
              switch(choice) {
              case 1:{
                    String key3=sc.next();
                    if(key3.equalsIgnoreCase("yes")) {
                          System.out.println("1. Name \t :\t comforter blanket");
                          System.out.println();
                          System.out.println("2.quantity\t: \t  1 \n \n");
                          System.out.println("Do you require changes in the
requirements...");
                          changes();
                    }
                    collect1();
                    System.out.println("Type  \t  Color \t Quantity \t Price");
                    System.out.println();
```

```
                        System.out.println("Comforter blanket\t Multi colored \t 1 \t
150");
                        System.out.println("*************************  ***********");
                        System.out.println("Total amount is:                "+150);
                        System.out.println("*************************  ***********");
                        recipt3();
                }
                case 2:{
                        String key3=sc.next();
                        if(key3.equalsIgnoreCase("yes")) {
                                System.out.println("1. Name \t :\t Duvet blanket");
                                System.out.println();
                                System.out.println("2.quantity\t: \t1 \n \n");
                                System.out.println("Do you require changes in the
requirements...");
                                changes();
                        }
                        collect1();
                        System.out.println("Type  \t  color \t Quantity\t price");
                        System.out.println();
                        System.out.println("Duvet blanket  \t  black \t 1\t 250");
                        System.out.println("*************************  ***********");
                        System.out.println("Total amount is:                "+250);
                        System.out.println("*************************  ***********");
                        recipt3();
                }
                }
        }
        public static void collectinput3() {
                Scanner sc=new Scanner (System.in);
                int choice=sc.nextInt();
                collect();
                switch(choice) {
                case 1:{
                        String key3=sc.next();
                        if(key3.equalsIgnoreCase("yes")) {
                                System.out.println("1. Name \t :\t Nylon carpet");
                                System.out.println();
                                System.out.println("2.quantity\t: \t1 \n \n");
                                System.out.println("Do you require changes in the
requirements...");
                                changes();
                        }
                        collect1();
                        System.out.println("Type  \t  Color \tQuantity \t Price");
                        System.out.println();
                        System.out.println("Nylon carpet \t  Multi colored \t 1\t 300");
                        System.out.println("*************************  ***********");
                        System.out.println("Total amount is:                "+300);
                        System.out.println("*************************  ***********");
                        recipt3();
                }
                case 2:{
                        String key3=sc.next();
                        if(key3.equalsIgnoreCase("yes")) {
```

```
                        System.out.println("1. Name \t :\t Plush carpet");
                        System.out.println();
                        System.out.println("2.quantity\t: \t1 \n \n");
                        System.out.println("Do you require changes in the
requirements...");
                        changes();
                  }
                  collect1();
                  System.out.println("Type  \t color \t Quantity\t price");
                  System.out.println();
                  System.out.println("plush carpet \t black \t 1\t 250 ");
                  System.out.println("************************  ***********");
                  System.out.println("Total amount is:               "+250);
                  System.out.println("************************  ***********");
                  recipt3();
            }
            }
      }
      public static void collectinput4() {
            Scanner sc=new Scanner (System.in);
            int choice=sc.nextInt();
            collect();
            switch(choice) {
            case 1:{
                  String key3=sc.next();
                  if(key3.equalsIgnoreCase("yes")) {
                        System.out.println("1. Name \t :\t kettle");
                        System.out.println();
                        System.out.println("2.quantity\t: \t1 \n \n");
                        System.out.println("Do you require changes in the
requirements...");
                        changes();
                  }
                  collect1();
                  System.out.println("Name \t Company \tQuantity \t Price");
                  System.out.println();
                  System.out.println("Kettle  \t pigeon \t 1 \t 900");
                  System.out.println("************************  ***********");
                  System.out.println("Total amount is:               "+900);
                  System.out.println("************************  ***********");
                  recipt3();
            }
            case 2:{
                  String key3=sc.next();
                  if(key3.equalsIgnoreCase("yes")) {
                        System.out.println("1. Name \t :\t Plate");
                        System.out.println();
                        System.out.println("2.quantity\t: \t1 \n \n");
                        System.out.println("Do you require changes in the
requirements...");
                        changes();
                  }
                  collect1();
                  System.out.println("Name \t Type \t Quantity\t price");
                  System.out.println();
```

```
                System.out.println("Plate  \t steel\t1 \t 150 ");
                System.out.println("*************************  ***********");
                System.out.println("Total amount is:                "+150);
                System.out.println("*************************  ***********");
                recipt3();
        }
        }
    }

    public static void collectinput5() {
        Scanner sc=new Scanner (System.in);
        int choice=sc.nextInt();
        collect();
        switch(choice) {
        case 1:{
                String key3=sc.next();
                if(key3.equalsIgnoreCase("yes")) {
                    System.out.println("1. Name \t :\t Oppo mobile");
                    System.out.println();
                    System.out.println("2.quantity\t: \t1 \n \n");
                    System.out.println("Do you require changes in the
requirements...");
                    changes();
                }
                collect1();
                System.out.println("Name  \t Color \t RAM \tQuantity \t Price");
                System.out.println();
                System.out.println("Oppo  \t multi colored \t 8GB \t 1\t
19,000");
                System.out.println("*************************  ***********");
                System.out.println("Total amount is:                "+19000);
                System.out.println("*************************  ***********");
                recipt3();
        }
        case 2:{
                String key3=sc.next();
                if(key3.equalsIgnoreCase("yes")) {
                    System.out.println("1. Name \t :\t Redmi mobile");
                    System.out.println();
                    System.out.println("2.quantity\t: \t1 \n \n");
                    System.out.println("Do you require changes in the
requirements...");
                    changes();
                }
                collect1();
                System.out.println("Name  \t color \t RAM \t Quantity\t price");
                System.out.println();
                System.out.println("Redmi \t blue \t 6GB \t 1 \t 17,000 ");
                System.out.println("*************************  ***********");
                System.out.println("the total amount is              "+17000);
                System.out.println("*************************  ***********");
                recipt3();
        }
        }
    }
```

```
	public static void collectinput6() {
		Scanner sc=new Scanner (System.in);
		int choice=sc.nextInt();
		collect();
		switch(choice) {
		case 1:{
			String key3=sc.next();
			if(key3.equalsIgnoreCase("yes")) {
				System.out.println("1. Name \t :\t Boat earphones");
				System.out.println();
				System.out.println("2.quantity\t: \t1 \n \n");
				System.out.println("Do you require changes in the
requirements...");
				changes();
			}
			collect1();
			System.out.println("Name  \t Quantity\t  Price");
			System.out.println();
			System.out.println("Boat headset  \t 1 \t 1500");
			System.out.println("************************  ***********");
			System.out.println("Total amount is:                "+1500);
			System.out.println("************************  ***********");
			recipt3();
		}
		case 2:{
			String key3=sc.next();
			if(key3.equalsIgnoreCase("yes")) {
				System.out.println("1. Name \t :\t Realme Headset");
				System.out.println();
				System.out.println("2.quantity\t: \t1 \n \n");
				System.out.println("Do you require changes in the
requirements...");
				changes();
			}
			collect1();
			System.out.println("Name  \t Quantity\t price");
			System.out.println();
			System.out.println("Realme headset \t 1\t 1900 ");
			System.out.println("************************  ***********");
			System.out.println("Total amount is:                "+1900);
			System.out.println("************************  ***********");
			recipt3();
		}
		}
	}
	public static void collectinput7() {
		Scanner sc=new Scanner (System.in);
		int choice=sc.nextInt();
		collect();
		switch(choice) {
		case 1:{
			String key3=sc.next();
			if(key3.equalsIgnoreCase("yes")) {
				System.out.println("1. Name \t :\t HP Laptop \t price");
				System.out.println();
```

```
                        System.out.println("2.quantity\t: \t1 \t \t 45,000");
                        System.out.println("Do you require changes in the
requirements...");
                        changes();
                  }
                  collect1();
                  System.out.println("Name  \t Color\t Quantity\t Price");
                  System.out.println();
                  System.out.println("HP \t grey \t 1\t 30,000");
                  System.out.println("*************************  ***********");
                  System.out.println("Total amount is:                "+45000);
                  System.out.println("*************************  ***********");
                  recipt3();
            }
            case 2:{
                  String key3=sc.next();
                  if(key3.equalsIgnoreCase("yes")) {
                        System.out.println("1. Name \t :\t Lenevo laptop");
                        System.out.println();
                        System.out.println("2.quantity\t: \t1 \n \n");
                        System.out.println("Do you require changes in the
requirements...");
                        changes();
                  }
                  collect1();
                  System.out.println("Name  \t color \tQuantity \t price");
                  System.out.println();
                  System.out.println("Lenevo \t white \t1 \t 25,000");
                  System.out.println("*************************  ***********");
                  System.out.println("Total amount is:                "+65000);
                  System.out.println("*************************  ***********");
                  recipt3();
            }
            }
      }
      public static void collectinput8() {
            Scanner sc=new Scanner (System.in);
            int choice=sc.nextInt();
            collect();
            switch(choice) {
            case 1:{
                  String key3=sc.next();
                  if(key3.equalsIgnoreCase("yes")) {
                        System.out.println("1. Name \t :\t One Plus");
                        System.out.println();
                        System.out.println("2.quantity\t: \t1 \n \n");
                        System.out.println("Do you require changes in the
requirements...");
                        changes();
                  }
                  collect1();
                  System.out.println("Name  \t Company \t Quantity\t Price");
                  System.out.println();
                  System.out.println("Tab  \t One Plus \t1 \t 35,000");
                  System.out.println("*************************  ***********");
```

```
                System.out.println("Total amount is:                "+70000);
                System.out.println("*************************  ***********");
                recipt3();
            }
            case 2:{
                String key3=sc.next();
                if(key3.equalsIgnoreCase("yes")) {
                    System.out.println("1. Name \t :\t Apple ");
                    System.out.println();
                    System.out.println("2.quantity\t: \t1 \n \n");
                    System.out.println("Do you require changes in the
requirements...");
                    changes();
                }
                collect1();
                System.out.println("Name  \t Company \tQuantity \t price");
                System.out.println();
                System.out.println(" Tab \t  Apple \t 1\t 50,000");
                System.out.println("*************************  ***********");
                System.out.println("Total amount is:                "+50000);
                System.out.println("*************************  ***********");
                recipt3();
            }
            }
        }
        public static void collectinput9() {
            Scanner sc=new Scanner (System.in);
            int choice=sc.nextInt();
            collect();

            switch(choice) {
            case 1:{
                String key3=sc.next();
                if(key3.equalsIgnoreCase("yes")) {
                    System.out.println("1. Name \t :\t Ring");
                    System.out.println();
                    System.out.println("2.quantity\t: \t1 \n \n");
                    System.out.println("Do you require changes in the
requirements...");
                    changes();
                }
                collect1();
                System.out.println("Name  \t type \tQuantity \t Price");
                System.out.println();
                System.out.println("Rings  \t Diamond \t 1\t 1500");
                System.out.println("*************************  ***********");
                System.out.println("Total amount is:                "+1500);
                System.out.println("*************************  ***********");
                recipt3();
            }
            case 2:{
                String key3=sc.next();
                if(key3.equalsIgnoreCase("yes")) {
                    System.out.println("1. Name \t :\t Bracelite");
                    System.out.println();
```

```
                        System.out.println("2.quantity\t: \t1 \n \n");
                        System.out.println("Do you require changes in the
requirements...");
                        changes();
                  }
                  collect1();
                  System.out.println("Name  \t color \tQuantity \t price");
                  System.out.println();
                  System.out.println("Bracelites \t Silver \t 1\t 25,000");
                  System.out.println("*************************  ***********");
                  System.out.println("Total amount is:                "+25000);
                  System.out.println("*************************  ***********");
                  recipt3();
            }
            }
      }
      public static void collectinput10() {
            Scanner sc=new Scanner (System.in);
            int choice=sc.nextInt();
            collect();

            switch(choice) {
            case 1:{
                  String key3=sc.next();
                  if(key3.equalsIgnoreCase("yes")) {
                        System.out.println("1. Name \t :\t Sleeveless Top");
                        System.out.println();
                        System.out.println("2.quantity\t: \t1 \n \n");
                        System.out.println("Do you require changes in the
requirements...");
                        changes();
                  }
                  collect1();
                  System.out.println("Name  \t Color \t type \t Quantity\t Price");
                  System.out.println();
                  System.out.println("Tops  \t white \t western top \t1 \t 300");
                  System.out.println("*************************  ***********");
                  System.out.println("Total amount is:                "+300);
                  System.out.println("*************************  ***********");
                  recipt3();
            }
            case 2:{
                  String key3=sc.next();
                  if(key3.equalsIgnoreCase("yes")) {
                        System.out.println("1. Name \t :\t Ankle fit Black
Jeans");
                        System.out.println();
                        System.out.println("2.quantity\t: \t      1 \n \n");
                        System.out.println("Do you require changes in the
requirements...");
                        changes();
                  }
                  collect1();
                  System.out.println("Name  \t color \t type\t Quantity\t price");
                  System.out.println();
```

```
                System.out.println("Jeans  \tblack\t Ankle fit \t1\t 1000");
                System.out.println("************************  ***********");
                System.out.println("Total amount is:               "+1000);
                System.out.println("************************  ***********");
                recipt3();
            }
            }
    }
    public static void collectinput11() {
            Scanner sc=new Scanner (System.in);
            int choice=sc.nextInt();
            collect();
            switch(choice) {
            case 1:{
                String key3=sc.next();
                if(key3.equalsIgnoreCase("yes")) {
                    System.out.println("1. Name \t :\t Collar T-Shirt");
                    System.out.println();
                    System.out.println("2.quantity\t: \t1 \n \n");
                    System.out.println("Do you require changes in the
requirements...");
                    changes();
                }
                collect1();
                System.out.println("Type of shirt  \t Color \tQuantity \t
Price");
                System.out.println();
                System.out.println("Collar \t grey \t 1\t 700");
                System.out.println("************************  ***********");
                System.out.println("Total amount is:               "+700);
                System.out.println("************************  ***********");
                recipt3();
            }
            case 2:{
                String key3=sc.next();
                if(key3.equalsIgnoreCase("yes")) {
                    System.out.println("1. Name \t :\t Sleeveless Shirt");
                    System.out.println();
                    System.out.println("2.quantity\t: \t1 \n \n");
                    System.out.println("Do you require changes in the
requirements...");
                    changes();
                }
                collect1();
                System.out.println("Type of shirt \t color \tQuantity \t price");
                System.out.println();
                System.out.println("sleeve less  \t white \t1 \t 300");
                System.out.println("************************  ************");
                System.out.println("Total amount is:               "+300);
                System.out.println("************************  ************");
                recipt3();
            }
            }
    }
    public static void collectinput12() {
```

```
		Scanner sc=new Scanner (System.in);
		int choice=sc.nextInt();
		collect();
		switch(choice) {
		case 1:{
			String key3=sc.next();
			if(key3.equalsIgnoreCase("yes")) {
				System.out.println("1. Name \t :\t Puma shoes");
				System.out.println();
				System.out.println("2.quantity\t: \t  1 \n \n");
				System.out.println("Do you require changes in the
requirements...");
				changes();
			}
			collect1();
			System.out.println("brand  \t Color \t Quantity\t Price");
			System.out.println();
			System.out.println("puma  \t Red \t 1\t 3000");
			System.out.println("*************************  ***********");
			System.out.println("Total amount is:               "+3000);
			System.out.println("*************************  ************");
			recipt3();
		}
		case 2:{
			String key3=sc.next();
			if(key3.equalsIgnoreCase("yes")) {
				System.out.println("1. Name \t :\t Nike,white shoes");
				System.out.println();
				System.out.println("2.quantity\t: \t    1 \n \n");
				System.out.println("Do you require changes in the
requirements...");
				changes();
			}
			collect1();
			System.out.println("Brand \t color \tQuantity \t price ");
			System.out.println();
			System.out.println("Nike  \twhite \t 1\t 2000");
			System.out.println("*************************  ***********");
			System.out.println("Total amount is:                "+2000);
			System.out.println("*************************  ***********");
			recipt3();
		}
		}
	}
	public static void collectinput13() {
		Scanner sc=new Scanner (System.in);
		int choice=sc.nextInt();
		collect();

		switch(choice) {
		case 1:{
			String key3=sc.next();
			if(key3.equalsIgnoreCase("yes")) {
				System.out.println("1. Name \t :\t Apple fruits");
				System.out.println();
```

```
                        System.out.println("2.quantity\t: \t1 \n \n");
                        System.out.println("Do you require changes in the
requirements...");
                        changes();
                  }
                  collect1();
                  System.out.println("Name \t Quantity \tQuantity \t Price");
                  System.out.println();
                  System.out.println("Apple \t 1 Kg \t1 \t 150");
                  System.out.println("*************************  ***********");
                  System.out.println("Total amount is:                "+150);
                  System.out.println("*************************  ***********");
                  recipt3();
            }
            case 2:{
                  String key3=sc.next();
                  if(key3.equalsIgnoreCase("yes")) {
                        System.out.println("1. Name \t :\t Oranges");
                        System.out.println();
                        System.out.println("2.quantity\t: \t1 \n \n");
                        System.out.println("Do you require changes in the
requirements...");
                        changes();
                  }
                  collect1();
                  System.out.println("Name \t \t Quantity \t Quantity\t Price");
                  System.out.println();
                  System.out.println("Orange \t \t 2 Kg \t 1\t 120 ");
                  System.out.println("*************************  ***********");
                  System.out.println("Total amount is:                "+120);
                  System.out.println("*************************  ***********");
                  recipt3();
            }
            }
      }
      public static void collectinput14() {
            Scanner sc=new Scanner (System.in);
            int choice=sc.nextInt();
            collect();

            switch(choice) {
            case 1:{
                  String key3=sc.next();
                  if(key3.equalsIgnoreCase("yes")) {
                        System.out.println("1. Name \t :\t Tomatos");
                        System.out.println();
                        System.out.println("2.quantity\t: \t1 \n \n");
                        System.out.println("Do you require changes in the
requirements...");
                        changes();
                  }
                  collect1();
                  System.out.println("Name \t \t Quantity \t \t Price");
                  System.out.println();
                  System.out.println("Tomato \t \t 1kg \t \t 60");
```

```
                        System.out.println("*************************  ***********");
                        System.out.println("Total amount is:                "+60);
                        System.out.println("*************************  ***********");
                        recipt3();
                }
                case 2:{
                        String key3=sc.next();
                        if(key3.equalsIgnoreCase("yes")) {
                                System.out.println("1. Name \t :\t Brinjal");
                                System.out.println();
                                System.out.println("2.quantity\t: \t1 \n \n");
                                System.out.println("Do you require changes in the
requirements...");
                                changes();
                        }
                        collect1();
                        System.out.println("Name \t \t Quantity \t \t Price");
                        System.out.println();
                        System.out.println("Brinjal \t \t 1/2 kg \t \t 30 ");
                        System.out.println("*************************  ***********");
                        System.out.println("Total amount is:                "+30);
                        System.out.println("*************************  ***********");
                        recipt3();
                }
                }
        }
        public static void collectinput15() {
                Scanner sc=new Scanner (System.in);
                int choice=sc.nextInt();
                collect();
                switch(choice) {
                case 1:{
                        String key3=sc.next();
                        if(key3.equalsIgnoreCase("yes")) {
                                System.out.println("1. Name \t :\t Mango Juice");
                                System.out.println();
                                System.out.println("2.quantity\t: \t1 \n \n");
                                System.out.println("Do you require changes in the
requirements...");
                                changes();
                        }
                        collect1();
                        System.out.println("Name \t Quantity\t Price  ");
                        System.out.println();
                        System.out.println("Mango Juice \t 1\t 80 ");
                        System.out.println("*************************  ***********");
                        System.out.println("Total amount is:                "+80);
                        System.out.println("*************************  ***********");
                        recipt3();
                }
                case 2:{
                        String key3=sc.next();
                        if(key3.equalsIgnoreCase("yes")) {
                                System.out.println("1. Name \t :\t Pine Apple Juice");
                                System.out.println();
```

```
                        System.out.println("2.quantity\t: \t1 \n \n");
                        System.out.println("Do you require changes in the
requirements...");
                        changes();
                  }
                  collect1();
                  System.out.println("Name \tQuantity \t price");
                  System.out.println();
                  System.out.println("Pine Apple Juice \t 1\t 90 ");
                  System.out.println("*************************  ***********");
                  System.out.println("Total amount is:                "+90);
                  System.out.println("*************************  ***********");
                  recipt3();
            }
            }
      }
      public static void collectinput16() {
            Scanner sc=new Scanner (System.in);
            int choice=sc.nextInt();
            collect();

            switch(choice) {
            case 1:{
                  String key3=sc.next();
                  if(key3.equalsIgnoreCase("yes")) {
                        System.out.println("1. Name \t :\t Badam");
                        System.out.println();
                        System.out.println("2.quantity\t: \t1 \n \n");
                        System.out.println("Do you require changes in the
requirements...");
                        changes();
                  }
                  collect1();
                  System.out.println("Name \t \t Quantity \t \t Price");
                  System.out.println();
                  System.out.println("Badam \t \t 1 kg \t \t 250");
                  System.out.println("*************************  ***********");
                  System.out.println("Total amount is:                "+250);
                  System.out.println("*************************  ***********");
                  recipt3();
            }
            case 2:{
                  String key3=sc.next();
                  if(key3.equalsIgnoreCase("yes")) {
                        System.out.println("1. Name \t :\t Pista");
                        System.out.println();
                        System.out.println("2.quantity\t: \t1 \n \n");
                        System.out.println("Do you require changes in the
requirements...");
                        changes();
                  }
                  collect1();
                  System.out.println("Name \t \t Quantity \t \t Price");
                  System.out.println();
                  System.out.println("Pista \t \t 500gm \t \t 300 ");
```

```
                        System.out.println("*************************  ***********");
                        System.out.println("Total amount is:                "+300);
                        System.out.println("*************************  ***********");
                        recipt3();
                }
                }
        }
        public static void collectinput17() {
                Scanner sc=new Scanner (System.in);
                int choice=sc.nextInt();
                collect();

                switch(choice) {
                case 1:{
                        String key3=sc.next();
                        if(key3.equalsIgnoreCase("yes")) {
                                System.out.println("1. Name \t :\t Cricket Bat");
                                System.out.println();
                                System.out.println("2.quantity\t: \t1 \n \n");
                                System.out.println("Do you require changes in the
requirements...");
                                changes();
                        }
                        collect1();
                        System.out.println("Name  \t Quantity\t Price");
                        System.out.println();
                        System.out.println("Bat \t 1\t 1000 ");
                        System.out.println("*************************  ***********");
                        System.out.println("Total amount is:                "+1000);
                        System.out.println("*************************  ***********");
                        recipt3();
                }
                case 2:{
                        String key3=sc.next();
                        if(key3.equalsIgnoreCase("yes")) {
                                System.out.println("1. Name \t :\t Cricket ball");
                                System.out.println();
                                System.out.println("2.quantity\t: \t1 \n \n");
                                System.out.println("Do you require changes in the
requirements...");
                                changes();
                        }
                        collect1();
                        System.out.println("Name \t Quantity\t Price");
                        System.out.println();
                        System.out.println("Ball \t 1\t 200 ");
                        System.out.println("*************************  ***********");
                        System.out.println("Total amount is:                "+200);
                        System.out.println("*************************  ***********");
                        recipt3();
                }
                }
        }
        public static void collectinput18() {
                Scanner sc=new Scanner (System.in);
```

```
		int choice=sc.nextInt();
		collect();
		switch(choice) {
		case 1:{
			String key3=sc.next();
			if(key3.equalsIgnoreCase("yes")) {
				System.out.println("1. Name \t :\t Carrom board");
				System.out.println();
				System.out.println("2.quantity\t: \t1 \n \n");
				System.out.println("Do you require changes in the
requirements...");
				changes();
			}
			collect1();
			System.out.println("Name \tQuantity \t Price");
			System.out.println();
			System.out.println("Carrom Board \t 1\t 700");
			System.out.println("************************  ***********");
			System.out.println("Total amount is:                "+700);
			System.out.println("************************  ***********");
			recipt3();
		}
		case 2:{
			String key3=sc.next();
			if(key3.equalsIgnoreCase("yes")) {
				System.out.println("1. Name \t :\t Carrom coins");
				System.out.println();
				System.out.println("2.quantity\t: \t1 \n \n");
				System.out.println("Do you require changes in the
requirements...");
				changes();
			}
			collect1();
			System.out.println("Name \tQuantity \t Price");
			System.out.println();
			System.out.println("Coins \t 1\t 300 ");
			System.out.println("************************  ***********");
			System.out.println("Total amount is:                "+300);
			System.out.println("************************  ***********");
			recipt3();
		}
		}
	}
	public static void collectinput19() {
		Scanner sc=new Scanner (System.in);
		int choice=sc.nextInt();
		collect();


		switch(choice) {
		case 1:{
			String key3=sc.next();
			if(key3.equalsIgnoreCase("yes")) {
				System.out.println("1. Name \t :\t Chess board");
				System.out.println();
```

```
                        System.out.println("2.quantity\t: \t1 \n \n");
                        System.out.println("Do you require changes in the
requirements...");
                        changes();
                  }
                  collect1();
                  System.out.println("Name \t Quantity\t  Price");
                  System.out.println();
                  System.out.println("Chess Board \t 1\t 250");
                  System.out.println("*************************  ***********");
                  System.out.println("Total amount is:                "+250);
                  System.out.println("*************************  ***********");
                  recipt3();
            }
            case 2:{
                  String key3=sc.next();
                  if(key3.equalsIgnoreCase("yes")) {
                        System.out.println("1. Name \t :\t Chess pieces");
                        System.out.println();
                        System.out.println("2.quantity\t: \t1 \n \n");
                        System.out.println("Do you require changes in the
requirements...");
                        changes();
                  }
                  collect1();
                  System.out.println("Name \tQuantity \t  Price");
                  System.out.println();
                  System.out.println("Chess Pieces \t 1 \t 100 ");
                  System.out.println("*************************  ***********");
                  System.out.println("Total amount is:                "+100);
                  System.out.println("*************************  ***********");
                  recipt3();
            }
            }
      }
      public static void collectinput20() {
            Scanner sc=new Scanner (System.in);
            int choice=sc.nextInt();
            collect();

            switch(choice) {
            case 1:{
                  String key3=sc.next();
                  if(key3.equalsIgnoreCase("yes")) {
                        System.out.println("1. Name \t :\t Foot ball");
                        System.out.println();
                        System.out.println("2.quantity\t: \t1 \n \n");
                        System.out.println("Do you require changes in the
requirements...");
                        changes();
                  }
                  collect1();
                  System.out.println("Name \t Quantity\t Price");
                  System.out.println();
                  System.out.println("Foot Ball \t 1\t  750");
```

```
                        System.out.println("*************************  ***********");
                        System.out.println("Total amount is:                "+750);
                        System.out.println("*************************  ***********");
                        recipt3();
                }
                case 2:{
                        String key3=sc.next();
                        if(key3.equalsIgnoreCase("yes")) {
                                System.out.println("1. Name \t :\t Net");
                                System.out.println();
                                System.out.println("2.quantity\t: \t1 \n \n");
                                System.out.println("Do you require changes in the
requirements...");
                                changes();
                        }
                        collect1();
                        System.out.println("Name \tQuantity \t  Price");
                        System.out.println();
                        System.out.println("Net \t 1\t 600 ");
                        System.out.println("*************************  ***********");
                        System.out.println("Total amount is:                "+600);
                        System.out.println("*************************  ***********");
                        recipt3();
                }
                }
        }
        public static void CollectInput1() {
                Scanner sc=new Scanner(System.in);
                int choice=sc.nextInt();
                switch(choice)
                {
                case 1:{
                        System.out.println("\t \t \t!...Welcome to furniture
Section.....!\n \n !..Please select what you want...!\n \n"
                                        + "1.Sofas \n"
                                        +"2.Chairs \n");
                        collectinput1();
                }
                case 2:{
                        System.out.println("\t \t \t...Welcome to blanket Section.....\n
\n ..Please select what you want....\n \n"
                                        + "1.Comforter \n"
                                        +"2.Duvet \n");
                        collectinput2();
                }
                case 3:{
                        System.out.println("\t \t \t...Welcome to Carpet Section.....\n
\n ..Please select what you want....\n \n"
                                        + "1.Nylon \n"
                                        +"2.Plush \n");
                        collectinput3();
                }
                case 4:{
                        System.out.println("\t \t \t...Welcome to Kitchen decors
Section.....\n \n ..Please select what you want....\n \n"
```

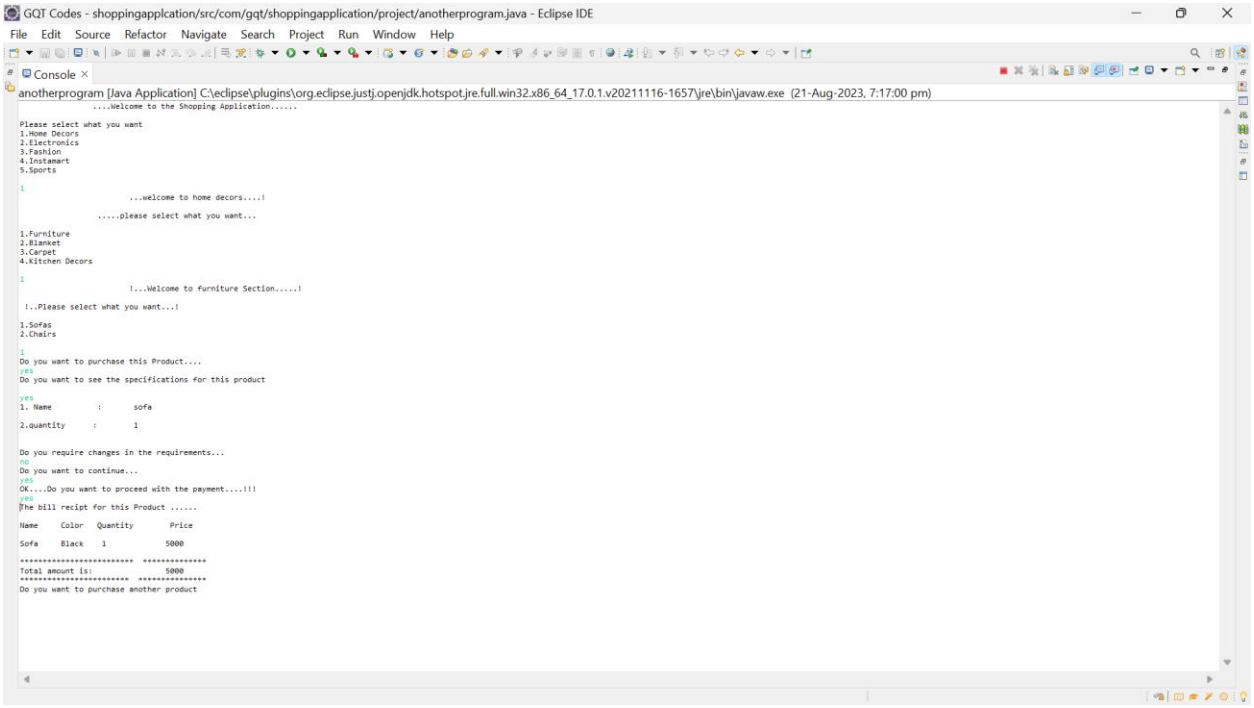
```
                                + "1.kettle \n"
                                +"2.Plate \n");
                        collectinput4();
                }
                }
        }
        public static void CollectInput2() {
                Scanner sc=new Scanner(System.in);
                int choice=sc.nextInt();
                switch(choice) {
                case 1:{
                        System.out.println("\t \t \t...Welcome to Mobiles Section.....\n
\n ..Please select what you want....\n \n"
                                +"1.Oppo \n"
                                +"2.Redmi \n");
                        collectinput5();
                }
                case 2:{
                        System.out.println("\t \t \t...Welcome to Headphones
Section.....\n \n ..Please select what you want....\n \n"
                                + "1.boat \n"
                                +"2.Realme \n");
                        collectinput6();
                }
                case 3:{
                        System.out.println("\t \t \t...Welcome to Laptops Section.....\n
\n ..Please select what you want....\n \n"
                                + "1.HP \n"
                                +"2.Lenevo");
                        collectinput7();

                }
                case 4:{
                        System.out.println("\t \t \t...Welcome to Tabs Section.....\n \n
..Please select what you want....\n \n"
                                + "1.One Plus \n"
                                +"2.Apple \n");
                        collectinput8();
                }
                }
        }
        public static void CollectInput3() {
                Scanner sc=new Scanner(System.in);
                int choice=sc.nextInt();
                switch(choice) {
                case 1:{
                        System.out.println("\t \t \t...Welcome to Accessiories
Section.....\n \n ..Please select what you want....\n \n"
                                + "1.rings \n"
                                +"2.bracelite \n");
                        collectinput9();
                        System.exit(choice);

                }
                case 2:{
```

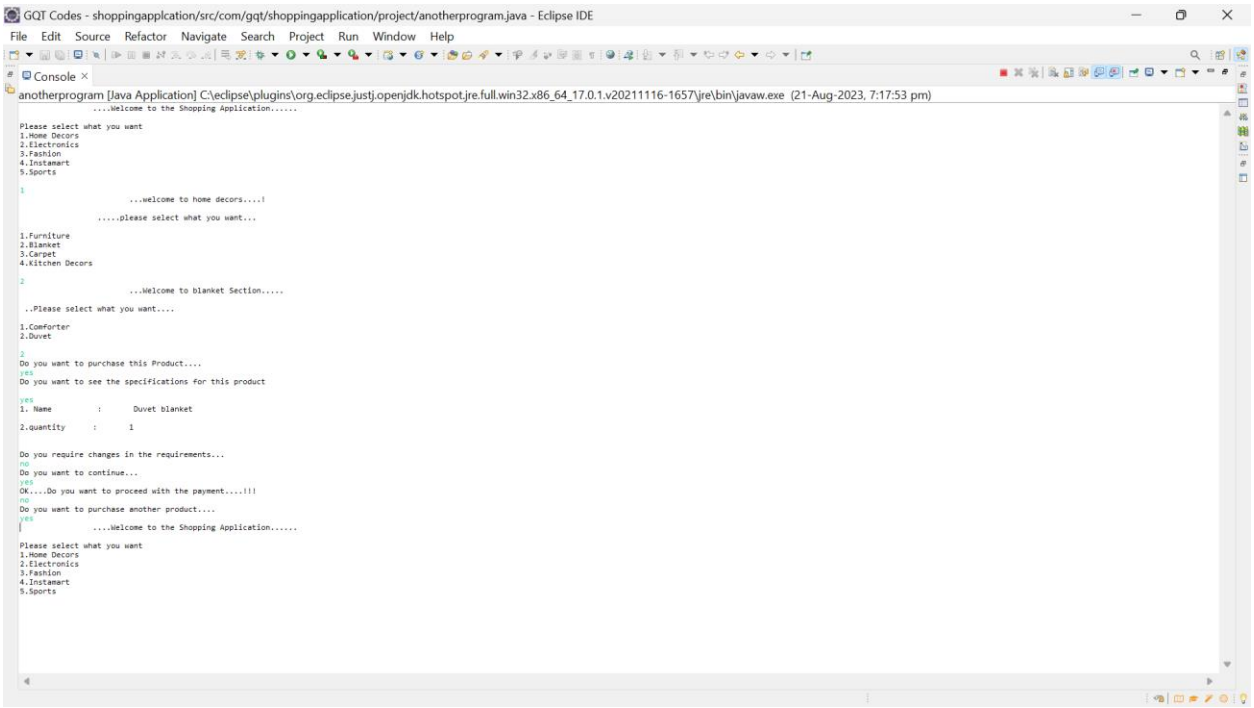
```
                  System.out.println("\t \t \t...Welcome to Weastern Wear
Section.....\n \n \n ...Please select what you want....\n \n"
                                    + "1.Jeans \n"
                                    +"2.Tops \n");
                  collectinput10();
            }
            case 3:{
                  System.out.println("\t \t \t...Welcome to Shirts Section.....\n
\n ...Please select what you want....\n \n"
                                    + "1.Collar \n"
                                    +"2. Sleeveless shirts\n");
                  collectinput11();

            }
            case 4:{
                  System.out.println("\t \t \t...Welcome to Shoes.....\n \n
...Please select what you want....\n \n"
                                    + "1.Puma \n"
                                    +"2.Nike \n");
                  collectinput12();
            }
            }
      }
      public static void CollectInput4() {
            Scanner sc=new Scanner(System.in);
            int choice=sc.nextInt();
            switch(choice) {
            case 1:{
                  System.out.println("\t \t \t...Welcome to Fruits Section.....\n
\n ...Please select what you want....\n \n"
                                    + "1.Apple \n"
                                    +"2.Orange \n");
                  collectinput13();
            }
            case 2:{
                  System.out.println("\t \t \t...Welcome to Vegetables
Section.....\n \n ...Please select what you want....\n \n"
                                    + "1.Tomato \n"
                                    +"2. Brinjal\n");
                  collectinput14();
            }
            case 3:{
                  System.out.println("\t \t \t...Welcome to Juices Section.....\n
\n ...Please select what you want...\n \n."
                                    + "1.Mango juice\n"
                                    +"2.Pine apple juice \n");
                  collectinput15();
            }
            case 4:{
                  System.out.println("\t \t \t...Welcome to Nuts Section.....\n \n
...Please select what you want....\n \n"
                                    + "1.Badam \n"
                                    +"2.Pista \n");
                  collectinput16();
            }
```

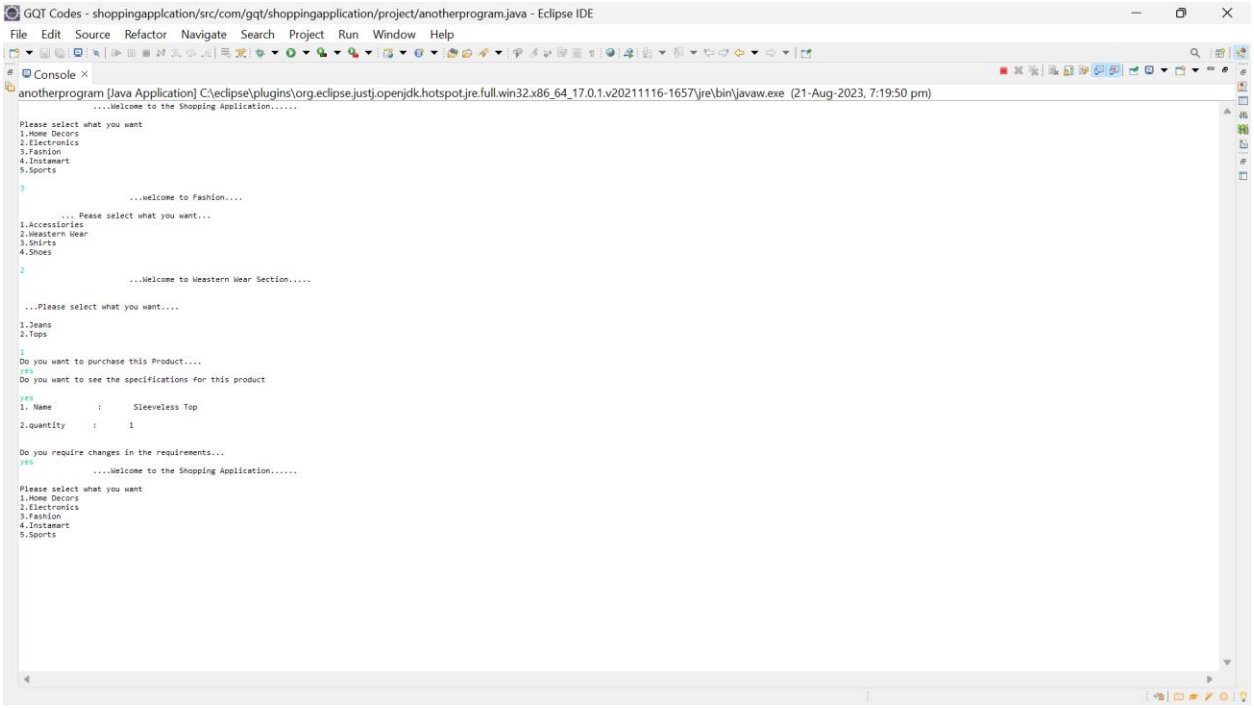
```
		}
	}
	public static void CollectInput5() {
		Scanner sc=new Scanner(System.in);
		int choice=sc.nextInt();
		switch(choice) {
		case 1:{
			System.out.println("\t \t \t...Welcome to cricket Game
Section.....\n \n ...Please select what you want....\n \n"
					+ "1.Bat \n"
					+"2.Ball \n");
			collectinput17();
		}
		case 2:{
			System.out.println("\t \t \t...Welcome to carroms Game
Section.....\n \n ...Please select what you want....\n \n"
					+ "1.Carrom Board \n"
					+"2.Coins \n");
			collectinput18();
		}
		case 3:{
			System.out.println("\t \t \t...Welcome to chess Game
Section.....\n \n ...Please select what you want....\n \n"
					+ "1.Chess board \n"
					+"2.Chess Pieces \n");
			collectinput19();
		}
		case 4:{
			System.out.println("\t \t \t...Welcome to football Game
Section.....\n \n ...Please select what you want....\n \n"
					+ "1.Foot Ball \n"
					+"2.Net \n");
			collectinput20();
		}
		}
	}
	public static void main(String[] args) {
		Scanner sc=new Scanner(System.in);
		System.out.println("\t \t....Welcome to the Shopping
Application.....");
		System.out.println();
		System.out.println("Please select what you want \n"
				+"1.Home Decors \n"
				+"2.Electronics \n"
				+"3.Fashion \n"
				+"4.Instamart \n"
				+"5.Sports \n");
		int choice=sc.nextInt();
		switch(choice) {
		case 1:{
			System.out.println("\t \t \t...welcome to home decors....!\n \n
\t \t .....please select what you want...\n \n"
					+"1.Furniture \n"
					+"2.Blanket \n"
```

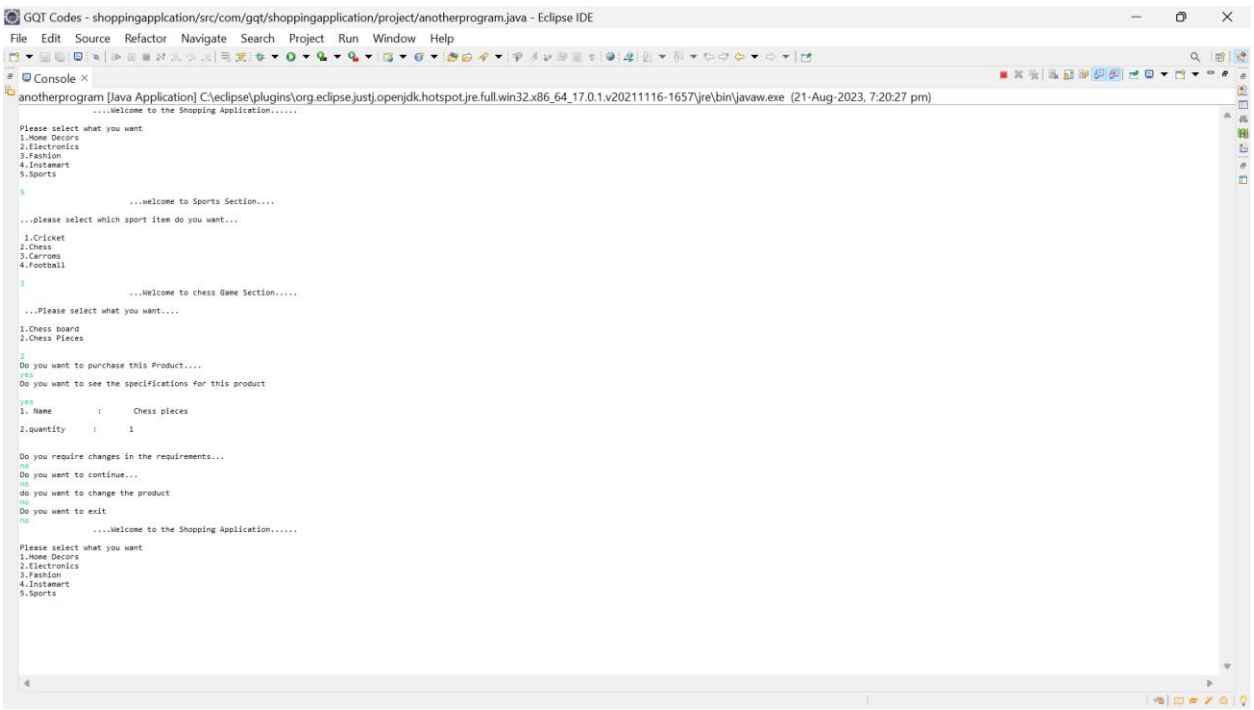
```
                                    +"3.Carpet \n"
                                    +"4.Kitchen Decors \n");
                        CollectInput1();
                  }
                  case 2:{
                        System.out.println("\t \t \t...welcome to Electronics....\n \n
....please select what you want...\n"
                                    +"1.Mobile\n"
                                    +"2.Headphones \n"
                                    +"3.Laptops \n"
                                    +"4.Tabs \n");
                        CollectInput2();
                  }
                  case 3:{
                        System.out.println("\t \t \t...welcome to Fashion....\n \n  \t
... Pease select what you want...\n"
                                    +"1.Accessiories \n"
                                    +"2.Weastern Wear \n"
                                    +"3.Shirts\n"
                                    +"4.Shoes\n");
                        CollectInput3();
                  }
                  case 4:{
                        System.out.println("\t \t \t...welcome to Instamart ....\n \n
....\t ....Please select what you want...\n"
                                    +"1.Fruits \n"
                                    +"2.Vegetables \n"
                                    +"3.Juices \n"
                                    +"4.Nuts \n");
                        CollectInput4();
                  }
                  case 5:{
                        System.out.println("\t \t \t...welcome to Sports Section....\n
\n...please select which sport item do you want...\n \n "
                                    +"1.Cricket \n"
                                    +"2.Chess \n"
                                    +"3.Carroms \n"
                                    +"4.Football \n");
                        CollectInput5();
                  }
                  }
      }
}
```

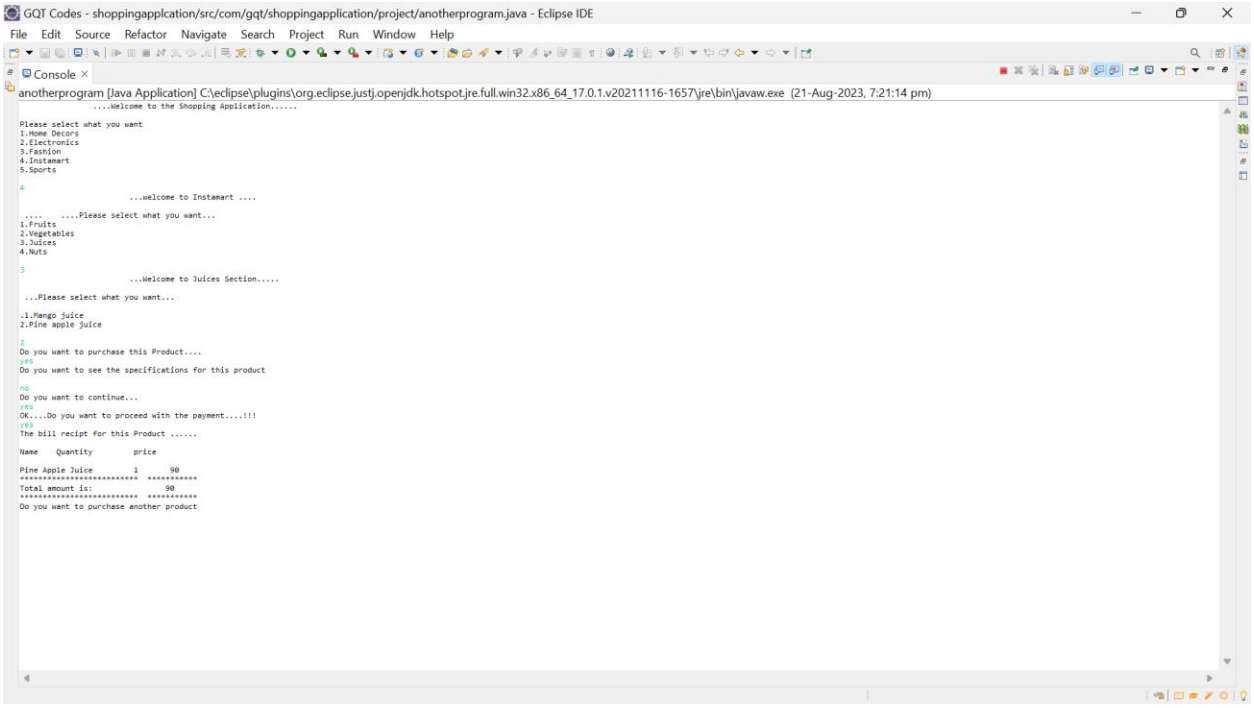
OUTPUT:


GQT Codes - shoppingapplcation/src/com/gqt/shoppingapplication/project/anotherprogram.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Console
anotherprogram [Java Application] C:\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.1.v20211116-1657\jre\bin\javaw.exe (21-Aug-2023, 7:17:00 pm)
....Welcome to the Shopping Application.....
Please select what you want
1.Home Decors
2.Electronics
3.Fashion
4.Instamart
5.Sports
1
...welcome to home decors....!
.....please select what you want...
1.Furniture
2.Blanket
3.Carpet
4.Kitchen Decors
1
!...Welcome to furniture Section.....!
!..Please select what you want...!
1.Sofas
2.Chairs
1
Do you want to purchase this Product....
yes
Do you want to see the specifications for this product
yes
1. Name : sofa
2.quantity : 1
Do you require changes in the requirements...
no
Do you want to continue...
yes
OK....Do you want to proceed with the payment....!!!
yes
The bill recipt for this Product .....
Name Color Quantity Price
Sofa Black 1 5000
Total amount is: 5000
Do you want to purchase another product


GQT Codes - shoppingapplcation/src/com/gqt/shoppingapplication/project/anotherprogram.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Console
anotherprogram [Java Application] C:\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.1.v20211116-1657\jre\bin\javaw.exe (21-Aug-2023, 7:17:53 pm)
....Welcome to the Shopping Application.....
Please select what you want
1.Home Decors
2.Electronics
3.Fashion
4.Instamart
5.Sports
1
...welcome to home decors....!
.....please select what you want...
1.Furniture
2.Blanket
3.Carpet
4.Kitchen Decors
2
...Welcome to blanket Section.....
..Please select what you want....
1.ComForter
2.Duvet
2
Do you want to purchase this Product....
yes
Do you want to see the specifications for this product
yes
1. Name : Duvet blanket
2.quantity : 1
Do you require changes in the requirements...
no
Do you want to continue...
yes
OK....Do you want to proceed with the payment....!!!
no
Do you want to purchase another product....
yes
....Welcome to the Shopping Application.....
Please select what you want
1.Home Decors
2.Electronics
3.Fashion
4.Instamart
5.Sports


GQT Codes - shoppingapplcation/src/com/gqt/shoppingapplication/project/anotherprogram.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Console
anotherprogram [Java Application] C:\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.1.v20211116-1657\jre\bin\javaw.exe (21-Aug-2023, 7:19:50 pm)
....Welcome to the Shopping Application.....
Please select what you want
1.Home Decors
2.Electronics
3.Fashion
4.Instamart
5.Sports
3
...welcome to Fashion....
... Pease select what you want...
1.Accessories
2.Weastern Wear
3.Shirts
4.Shoes
2
...Welcome to Weastern Wear Section.....
...Please select what you want....
1.Jeans
2.Tops
1
Do you want to purchase this Product....
yes
Do you want to see the specifications for this product
yes
1. Name : Sleeveless Top
2.quantity : 1
Do you require changes in the requirements...
yes
....Welcome to the Shopping Application.....
Please select what you want
1.Home Decors
2.Electronics
3.Fashion
4.Instamart
5.Sports


GQT Codes - shoppingapplcation/src/com/gqt/shoppingapplication/project/anotherprogram.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Console
anotherprogram [Java Application] C:\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.1.v20211116-1657\jre\bin\javaw.exe (21-Aug-2023, 7:20:27 pm)
....Welcome to the Shopping Application.....
Please select what you want
1.Home Decors
2.Electronics
3.Fashion
4.Instamart
5.Sports
5
...welcome to Sports Section....
...please select which sport item do you want...
1.Cricket
2.Chess
3.Carroms
4.Football
3
...Welcome to chess Game Section.....
...Please select what you want....
1.Chess board
2.Chess Pieces
2
Do you want to purchase this Product....
yes
Do you want to see the specifications for this product
yes
1. Name : Chess pieces
2.quantity : 1
Do you require changes in the requirements...
no
Do you want to continue...
no
do you want to change the product
no
Do you want to exit
no
....Welcome to the Shopping Application.....
Please select what you want
1.Home Decors
2.Electronics
3.Fashion
4.Instamart
5.Sports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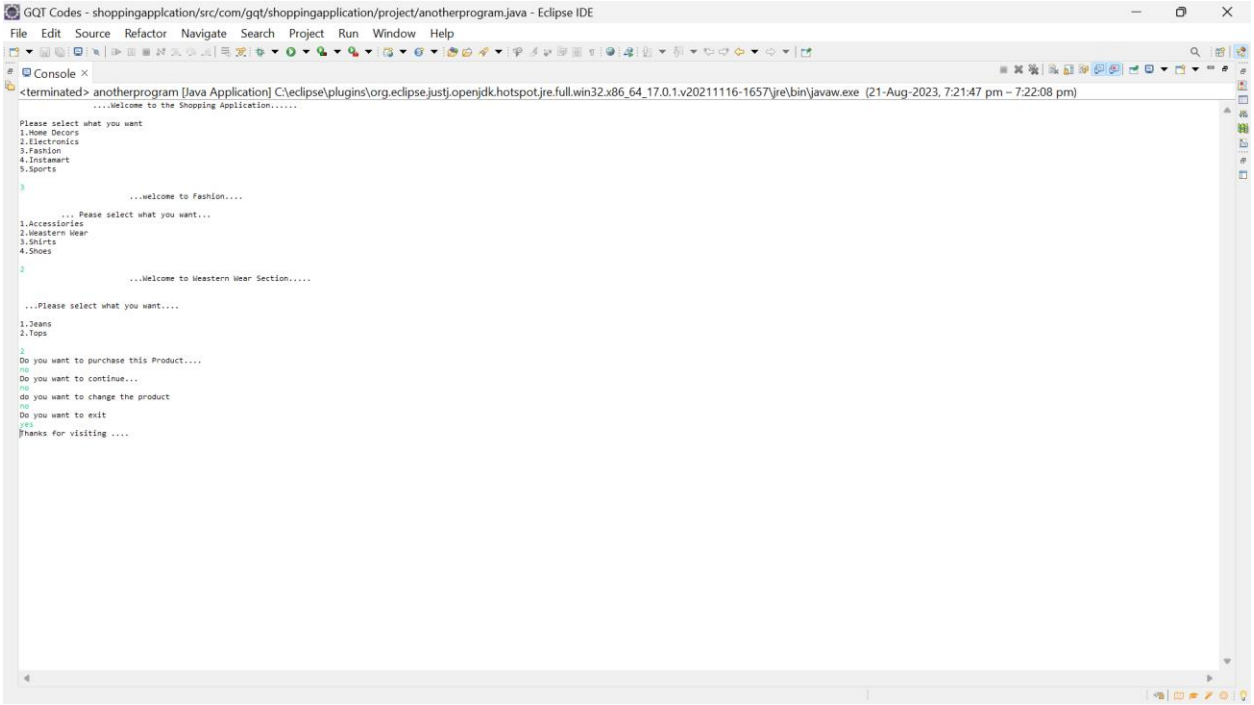
Console
anotherprogram [Java Application] C:\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.1.v20211116-1657\jre\bin\javaw.exe (21-Aug-2023, 7:21:14 pm)
....Welcome to the Shopping Application.....
Please select what you want
1.Home Decors
2.Electronics
3.Fashion
4.Instamart
5.Sports
4
...welcome to Instamart ....
....Please select what you want...
1.Fruits
2.Vegetables
3.Juices
4.Nuts
3
...Welcome to Juices Section.....
...Please select what you want...
.1.Mango juice
2.Pine apple juice
2
Do you want to purchase this Product....
yes
Do you want to see the specifications for this product
no
Do you want to continue...
yes
OK....Do you want to proceed with the payment....!!!
yes
The bill recipt for this Product .....
Name Quantity price
Pine Apple Juice 1 90
****
Total amount is: 90
****
Do you want to purchase another product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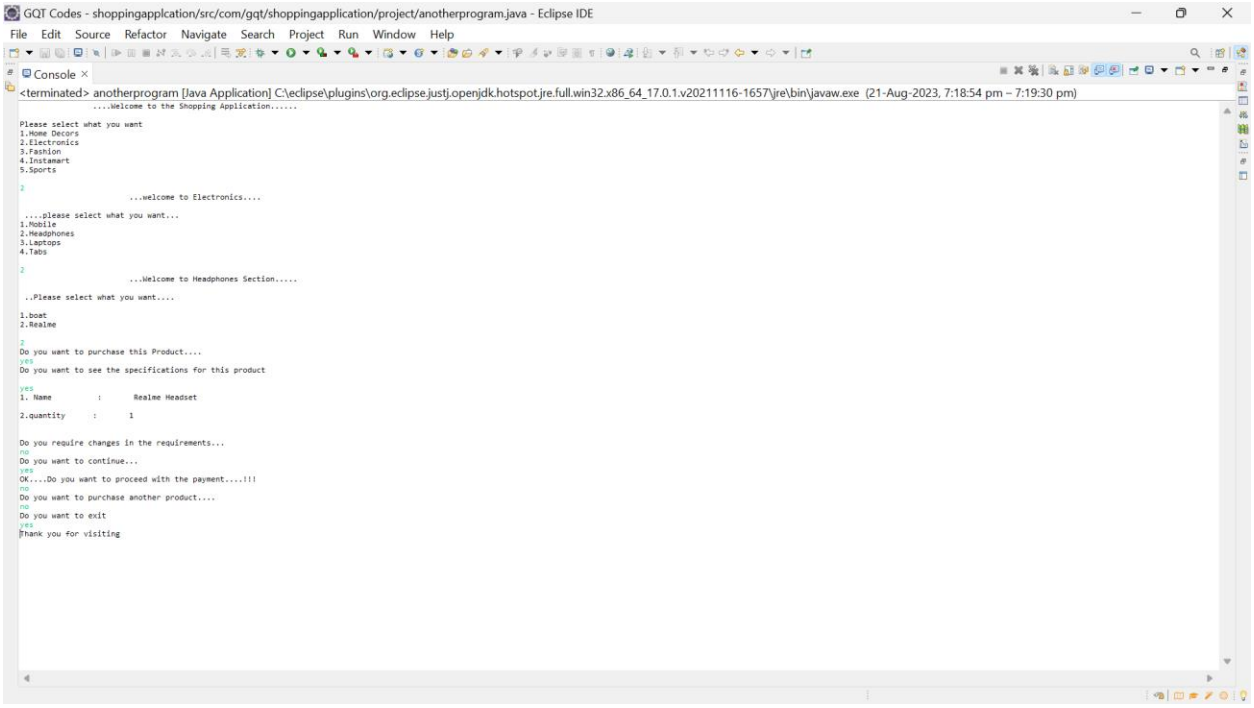
File Edit Source Refactor Navigate Search Project Run Window Help
Console
<terminated> anotherprogram [Java Application] C:\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.1.v20211116-1657\jre\bin\javaw.exe (21-Aug-2023, 7:21:47 pm – 7:22:08 pm)
....Welcome to the Shopping Application.....
Please select what you want
1.Home Decors
2.Electronics
3.Fashion
4.Instamart
5.Sports
3
...welcome to Fashion....
... Pease select what you want...
1.Accessories
2.Weastern Wear
3.Shirts
4.Shoes
2
...Welcome to Weastern Wear Section.....
...Please select what you want....
1.Jeans
2.Tops
2
Do you want to purchase this Product....
no
Do you want to continue...
no
do you want to change the product
no
Do you want to exit
yes
Thanks for visiting ....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<terminated> anotherprogram [Java Application] C:\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.1.v20211116-1657\jre\bin\javaw.exe (21-Aug-2023, 7:18:54 pm – 7:19:30 pm)
....Welcome to the Shopping Application.....
Please select what you want
1.Home Decors
2.Electronics
3.Fashion
4.Instamart
5.Sports
2
...welcome to Electronics....
....please select what you want...
1.Mobile
2.Headphones
3.Laptops
4.Tabs
2
...Welcome to Headphones Section.....
..Please select what you want....
1.boat
2.Realme
2
Do you want to purchase this Product....
yes
Do you want to see the specifications for this product
yes
1. Name : Realme Headset
2.quantity : 1
Do you require changes in the requirements...
no
Do you want to continue...
yes
OK....Do you want to proceed with the payment....!!!
no
Do you want to purchase another product....
no
Do you want to exit
yes
Thank you for visiting