Q.**3.** Write a menu driven billing system for a Snacks center, items available are Tea(Rs. 10), Samosa (Rs. 20), Sandwitch(Rs. 50), Green Tea (Rs. 15) etc. as follows -

import java.util.Scanner;

public class FoodMenue {

public static void main(String args[]) {

MenueFuct ob = new MenueFuct();

int flag = 1;

Scanner sc = new Scanner(System.*in*);

while(flag !=0) {

System.*out*.println("\*\*\*\*Welcome to Food Mart Food Menue \*\*\*\*\*\*\*\*\*");

System.*out*.println("1. Tea (Rs. 10)");

System.*out*.println("2. Green Tea (Rs. 15)");

System.*out*.println("3. Samosa (Rs. 20)");

System.*out*.println("4. Sandwitch (Rs. 50)");

System.*out*.println("5. Generate Bill & Exit");

System.*out*.println("Enter a number according to choice of food : ");

//Scanner sc = new Scanner(System.in);

int choice=sc.nextInt();

switch(choice)

{

case 1:

ob.tea();

break;

case 2:

ob.greentea();

break;

case 3:

ob.samosa();

break;

case 4:

ob.sandwitch();

break;

case 5:

ob.billExit();

flag= 0;

break;

default:

System.*out*.println("Invalid choice, Please enter a correct choice...");

}

}

sc.close();

System.*out*.println("Thankyou for comming Foodmart");

}

}

import java.util.Scanner;

public class MenueFuct {

int tqty;

int gtqty;

int sqty;

int wqty;

double bill;

MenueFuct(){

tqty=0;

gtqty=0;

sqty=0;

wqty=0;

bill=0;

}

Scanner sc = new Scanner(System.*in*);

public void tea() {

//int tqty=0;

System.*out*.println("Enter a quantity of choice");

tqty = tqty+sc.nextInt();

}

public void greentea() {

//int gtqty=0;

System.*out*.println("Enter a quantity of choice");

gtqty = gtqty + sc.nextInt();

}

public void samosa() {

//int sqty=0;

System.*out*.println("Enter a quantity of choice");

sqty = sqty + sc.nextInt();

}

public void sandwitch() {

int wqty=0;

System.*out*.println("Enter a quantity of choice");

wqty = wqty + sc.nextInt();

}

public void billExit() {

bill = tqty\*10 + gtqty\*15 + sqty\*20 + wqty\*50 ;

System.*out*.println("Your Total Bill of Given Order is : "+bill);

}

}

Output:

\*\*\*\*Welcome to Food Mart Food Menue \*\*\*\*\*\*\*\*\*

1. Tea (Rs. 10)

2. Green Tea (Rs. 15)

3. Samosa (Rs. 20)

4. Sandwitch (Rs. 50)

5. Generate Bill & Exit

Enter a number according to choice of food :

1

Enter a quantity of choice

2

\*\*\*\*Welcome to Food Mart Food Menue \*\*\*\*\*\*\*\*\*

1. Tea (Rs. 10)

2. Green Tea (Rs. 15)

3. Samosa (Rs. 20)

4. Sandwitch (Rs. 50)

5. Generate Bill & Exit

Enter a number according to choice of food :

2

Enter a quantity of choice

3

\*\*\*\*Welcome to Food Mart Food Menue \*\*\*\*\*\*\*\*\*

1. Tea (Rs. 10)

2. Green Tea (Rs. 15)

3. Samosa (Rs. 20)

4. Sandwitch (Rs. 50)

5. Generate Bill & Exit

Enter a number according to choice of food :

5

Your Total Bill of Given Order is : 65.0

Thankyou for comming Foodmart