Qno 6

import java.util.Scanner;

class Restaurant{

public static double runningTotal;

private static double itemPrice;

static boolean ordering = true;

static Scanner input = new Scanner(System.in);

public static void menu() {

System.out.println("Welcome Restaurant your order choice \n1. Burger (200) \n2. Fries (150)\n3. Soda (100) \n4. Done");

}

public static double itemPrice(int foodItem) {

if (foodItem == 1) {

// burger= 200

System.out.println("You've ordered a burger");

itemPrice = 200;

}

if (foodItem == 2) {

// fries = 150

System.out.println("You've ordered fries");

itemPrice = 150;

}

if (foodItem == 3) {

// soda = 100

System.out.println("You've ordered a soda");

itemPrice = 100;

}

quantity();

return itemPrice;

}

public static double quantity() {

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

double quantity = input.nextDouble();

subTotal(quantity, itemPrice);

return quantity;

}

public static double subTotal(double quantity, double itemPrice) {

double subTotal = quantity \* itemPrice;

System.out.println("Subtotal: " + subTotal);

return subTotal;

}

public static void done(double runningTotal) {

ordering = false;

System.out.println(runningTotal);

System.out.println("Enjoy your meal");

}

public static void main(String[] args) {

int menuOption;

int foodItem = 0;

input = new Scanner(System.in);

do {

double runningTotal = 0;

menu();

menuOption = input.nextInt();

switch (menuOption) {

case 1:

foodItem = 1;

itemPrice(foodItem);

break;

case 2:

foodItem = 2;

itemPrice(foodItem);

break;

case 3:

foodItem = 3;

itemPrice(foodItem);

break;

case 4:

done(runningTotal);

break;

default:

System.out.println("Invalid option.");

}

} while (ordering);

{

subTotal(quantity(), itemPrice(foodItem));

runningTotal = runningTotal + subTotal(quantity(), itemPrice(foodItem));

}

}

}

Qno 7

public class EscapeCharaterExample

{

public static void main(String args[])

{

String str = "Android\tfield";

System.out.println(str);

String str1 = "the best way\nto communicate \n an discuss \nis to act ";

System.out.println(str1);

String str2 = "And\\Or";

System.out.println(str2);

String str3 = "Value\rReturn";

System.out.println(str3);

String str4 = "Street\'s";

System.out.println(str4);

String str5 = "'Java'";

System.out.println(str5);

}

}

Qno 8

import java.util.\*;

class Add

{

public static void main(String args[])

{

Scanner ob=new Scanner(System.in);

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

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

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

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

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

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

int choice=ob.nextInt();

System.out.println("Enter 1st value");

int value1=ob.nextInt();

System.out.println("Enter 2nd value");

int value2=ob.nextInt();

if(choice==1){

System.out.println("Addition is "+(value1+value2));

}

if(choice==2){

System.out.println("Subtraction is "+(value1-value2));

}

if (choice==3){

System.out.println("Multiplication is "+(value1\*value2));

}

if (choice==4){

System.out.println("Division is "+(value1/value2));

}

if (choice==5){

System.out.println("Remain is "+(value1%value2));

}

}

}

Qno 9

import java.util.\*;

class Fabonaci

{

public static void main(String args[])

{

Scanner ob=new Scanner(System.in);

System.out.print("Enter No ");

int no=ob.nextInt();

int a=1;

int b=1;

for(int i=1; i<=no; i++)

{

int c=a+b;

System.out.println(a+" "+c);

a=b;

b=c;

}//close loop

}//closed main method

}//closed class