Lab Task 02 by 21SW159

1. Write java program that Declares 5 floating numbers and print their total sum and average.

**Source Code:**

class Task1 {

public static void main(String [] args){

float a=12.4f,b=23.7f,c=54.9f,d=70.4f,e=19.7f;

float sum = a+b+c+d+e;

float average = a+b+c+d+e/5;

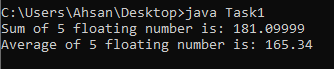
System.out.println("Sum of 5 floating number is: "+sum);

System.out.println("Average of 5 floating number is: "+average);

}

}

**Output:**



1. Write java code that define radius for a circle and print the circumference, diameter and area for the circle.

**Source Code:**import java.util.Scanner;

class Task2 {

public static void main(String [] args){

Scanner s = new Scanner(System.in);

float radius = s.nextFloat();

float diameter = 2\*radius;

float circumference = 2\*(3.14f)\*radius;

float area = (3.14f)\*radius\*radius;

System.out.println("Diameter is: "+diameter);

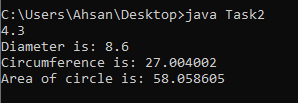
System.out.println("Circumference is: "+circumference);

System.out.println("Area of circle is: "+area);

}

}

**Output:**



1. Write a java program that takes an amount as runtime argument and prints number of bills and coins it will take to complete that amount. For example, if user enters Rs 5843, then the output should look like this:

Rs. 5000 1

Rs. 1000 0

Rs. 500 1

Rs. 100 3

Rs. 50 0

Rs. 20 2

Rs. 10 0

Rs. 2 1

Rs. 1 1

**Source Code:**

import java.util.Scanner;

class Task3 {

public static void main(String [] args){

Scanner sc= new Scanner(System.in);

System.out.print("Enter Amount: ");

int a = sc.nextInt();

System.out.println("5000 "+a/5000);

a%=5000;

System.out.println("1000 "+a/1000);

a%=1000;

System.out.println("500 "+a/500);

a%=500;

System.out.println("100 "+a/100);

a%=100;

System.out.println("50 "+a/50);

a%=50;

System.out.println("20 "+a/20);

a%=20;

System.out.println("10 "+a/10);

a%=10;

System.out.println("5 "+a/5);

a%=5;

System.out.println("2 "+a/2);

a%=2;

System.out.println("1 "+a/1);

}

}

**Output:**

