**Practical no.-**18

**Title:** Program to implementation of Single and Multilevel Inheritance

**Roll No.:** 19 **Batch-** A **Date of Performance:** 27-March-2022

**Code-**

import java.util.Scanner;

class Student {

int roll\_no;

String name;

Scanner sc = new Scanner(System.in);

public void get\_stud() {

System.out.print("Enter Roll no: ");

roll\_no = sc.nextInt();

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

name = sc.next();

}

public void put\_stud() {

System.out.print("\nRoll No: " + roll\_no);

System.out.print("\nName: " + name);

}

}

class Marksheet extends Student {

int java, mic, sen, gad, dcc;

double perc, total;

public void accept() {

System.out.print("Enter marks of subjects:-\n");

System.out.print("Java-");

java = sc.nextInt();

System.out.print("MIC-");

mic = sc.nextInt();

System.out.print("SEN-");

sen = sc.nextInt();

System.out.print("GAD-");

gad = sc.nextInt();

System.out.print("DCC-");

dcc = sc.nextInt();

}

public void Display() {

System.out.println("Marks of subjects:-");

System.out.println("Java-" + java);

System.out.println("MIC-" + mic);

System.out.println("SEN-" + sen);

System.out.println("GAD-" + gad);

System.out.println("DCC-" + dcc);

}

public void Calculate() {

total = (java + mic + sen + gad + dcc);

perc = (total / 5);

}

public void Percentage() {

System.out.print("Total Marks-" + total);

System.out.print("\nPercentage-" + perc);

}

public static void main(String args[]) {

Marksheet m = new Marksheet();

System.out.print("Enter information of Student-\n");

m.get\_stud();

m.accept();

m.Calculate();

System.out.print("\nInformation of Student-\n");

m.put\_stud();

m.Display();

m.Percentage();

}

}

**Output-**

Microsoft Windows [Version 6.3.9600]

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G:\Java\jdk1.8.0\_281\bin\SYCM-1\_19>set path=G:\Java\jdk1.8.0\_281\bin

G:\Java\jdk1.8.0\_281\bin\SYCM-1\_19>javac Marksheet.java

G:\Java\jdk1.8.0\_281\bin\SYCM-1\_19>java Marksheet

Enter information of Student-

Enter Roll no: 19

Enter Name: shraddha

Enter marks of subjects:-

Java-78

MIC-96

SEN-94

GAD-87

DCC-99

Information of Student-

Roll No: 19

Name: shraddha

Marks of subjects:-

Java-78

MIC-96

SEN-94

GAD-87

DCC-99

Total Marks-454.0

Percentage-90.8