SWASTIK\_week\_2

**Develop a Java program to create a class Student with members usn, name, an array credits and an array marks. Include methods to accept and display details and a method to calculate SGPA of a student.**

import java.util.\*;

import java.util.Scanner;

class student

{

double sgpa;

int marks,credit;

String name,usn;

void assign(String str,String usn1 )

{

name=str;

usn=usn1;

}

int grade(int a)

{

if(a==100)

return 10;

return (a/10)+1;

}

void display()

{

System.out.println("name of the student is "+ name);

System.out.println("Usn is "+usn);

System.out.println("SGPA is "+sgpa);

}

}

class SGPA

{

public static void main(String args[])

{

int sum=0,credsum=0;

String sname,susn;

Scanner sc=new Scanner(System.in);

student s=new student();

System.out.println("enter student name and usn respectively");

sname=sc.nextLine();

susn=sc.nextLine();

s.assign(sname,susn);

for(int i=0;i<5;i++)

{

System.out.println("enter marks and credit of subject "+ i+1 +" respectively");

s.marks=sc.nextInt();

s.credit=sc.nextInt();

sum+=(s.grade(s.marks)\*s.credit);

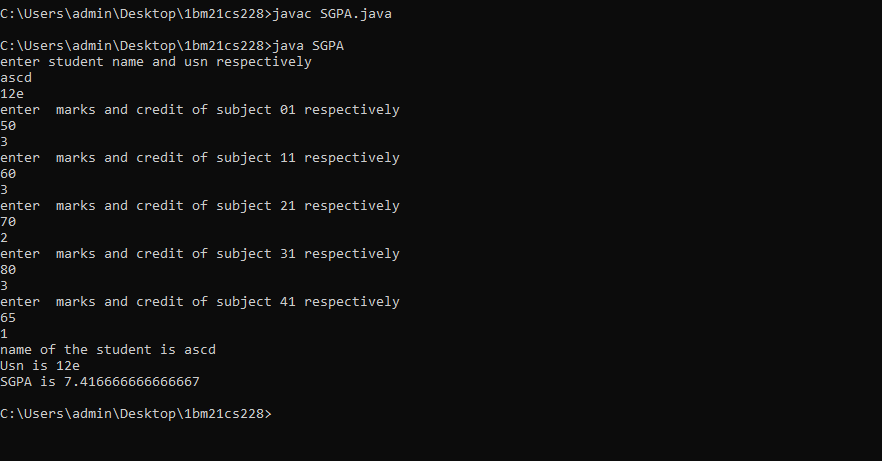
credsum+=s.credit;

}

s.sgpa=(double)sum/credsum;

s.display();

}

}