

6/10/20

Late program 2.

```
1. import java.util.*;  
class Student;  
{  
    String usn;  
    String name;  
    private int n, credits[], marks[], gp[];  
    double sum, sgpa;
```

Student();

```
{  
    name = "xyz";  
    usn = "O";  
}
```

void accept()

{

Scanner s1 = new Scanner (System.in);

System.out.println ("Enter the usn and name");

usn = s1.next();

name = s1.next();

System.out.println ("Enter no. of subjects");

n = s1.nextInt();

credits = new int[n+1];

marks = new int[n+1];

System.out.println ("Enter the credits and
marks in each subject");

for (int i=1; i<=n; i++)

{

System.out.println ("Enter the credits
and marks in subject "+i);

credits[i] = s1.nextInt();

marks[i] = 81. nextInt();
}
}
void calculate()
{
gp = nextInt[n+1];
int a=0;
for (int i=1; i<n; i++)
{
if (marks[i] >= 90)
gp[i] = 10;
if (marks[i] >= 80 && marks[i] < 90)
gp[i] = 9;
if (marks[i] >= 70 && marks[i] < 80)
gp[i] = 8;
if (marks[i] >= 60 && marks[i] < 70)
gp[i] = 7;
if (marks[i] >= 50 && marks[i] < 60)
gp[i] = 5;
if (marks[i] < 50)
gp[i] = 6;
sum = (double) credit[i]*gp[i]+sum;
a = a + credit[i];
}
sgpa = sum/a;
}
void display()
{
System.out.println ("class: " + class + " name: " + name);
for (int i=1; i<n; i++)
System.out.println ("marks: " + marks[i]
grade points: " + gp[i]);
}

System.out.println ("sgpa : " + sgpa);

3

class Student main

8

public static void main (String [] args)

Student sc = new Student ();

sc.accept();

sc.calculate();

sc.display();

9
?.