

6/10/2020

MIRAJ

Page No.

Date:

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1BM19CS053
Divyanshu Thonwale~~import~~

import java.util.Scanner;

class Student

{

private String usn;

private String name

private int credits[];

private double marks[];

private int n;

private double sgpa;

private totalcredits

void getdata()

{

int i;

Scanner input = new Scanner(System.in)

System.out.println("Enter the number of subject :");

n = input.nextInt();

credits = new int[n];

marks = new double[n];

System.out.println("Enter the details of student :");

System.out.println("Enter the usn of student :");

usn = input.next();

input.nextLine();

System.out.println("Enter the name of student :");

name = input.next();

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

6/10/2020

16M19CS053

Dnyaneshu Thonwar

```
totalcredit = 0
for(i=0; i<n; i++)
{
```

```
    System.out.print("Enter the credit and marks of  
                        subject ");
```

```
    System.out.println(i+1);
    credits[i] = input.nextInt();
    totalcredits = totalcredits + credits[i];
    if (totalcredit > 25)
    {
```

```
        System.out.println("Total credits are more than 25  
                           enter again");
```

```
        totalcredit = totalcredits - credits[i];
        i--;
```

```
    }
```

```
else
```

```
    marks[i] = input.nextDouble();
```

```
}
```

```
}
```

```
void printdata()
```

```
{
```

```
    System.out.println("The details of student :");
```

```
    System.out.print("USN of student : ");
```

```
    System.out.print("Name of student : ");
```

```
    System.out.println(name);
```

```
    System.out.print("SGPA of student : ");
```

```
    System.out.println(sgpa);
```

```
}
```


6/10/2020

Page No.

Date:

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18M19C5052

Divyanshu Jhanwar

void calculate()

{

int i;

int x;

double sum=0, total=0;

for(i=0; i<n; i++)

{

if (marks[i] >= 90)

x=10;

else if (marks[i] >= 80)

x=9;

else if (marks[i] >= 70)

x=8;

else if (marks[i] >= 60)

x=7;

else if (marks[i] >= 50)

x=6;

else if (marks[i] >= 40)

x=5;

else

x=0;

sum = sum + credits[i] * x;

total = total + credits[i];

}

return (sum/total);

}

}

6/10/2020

Page No.
Date:
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ADMISC053
Dnyaneshu Thakur

```
public class labprog2 {  
    public static void main (String [] args) {  
        Student s1= new Student();  
        s1.getData();  
        s1.calculate();  
        s1.printData();  
    }  
}
```