

```
import java.util.Scanner;  
class Student
```

```
{  
    private String usn;  
    private String name;  
    private int credits[];  
    private int mark[];  
    private double cgpa;
```

```
    void getDetails(int n)
```

```
{  
    System.out.println("Enter Student details:");  
    Scanner get = new Scanner(System.in);  
    System.out.println("USN:");  
    usn = get.next();  
    System.out.println("Name:");  
    name = get.next();  
    marks = new int[n];  
    credits = new int[n];  
    System.out.println("Enter marks and credits  
    respectively");  
    for (int i = 0; i < n; i++)  
    {  
        System.out.println("\n subject " + (i+1));  
        marks[i] = get.nextInt();  
        credits[i] = get.nextInt();  
    }  
}
```

```

void calcGPA (int n)
{
    double sum = 0, cGPA, sumC;
    for (int i = 0; i < n; i++)
    {
        sum = (marks[i] / 10 + 1) * credits[i] + sum;
        sumC = credits[i] + sumC;
    }
    cGPA = sum / sumC;
    System.out.println ("GPA : " + cGPA);
}

```

```

void printDetails (int n)
{
    System.out.println ("USN : " + USN);
    System.out.println ("Name : " + name);
    System.out.println ("Marks : " + (REDI7));
    for (int i = 0; i < n; i++)
    {
        System.out.println (marks[i] + " / " +
            credits[i]);
    }
    calcGPA(n);
}

```

```

class StudentMain
{
    public static void main (String ss[])
    {
        int n;
        System.out.println ("Enter the number of subjects");
        Scanner g1 = new Scanner (System.in);
    }
}

```



```
r = get_next_int();  
student s1 = new student();  
s1.get_details(a);  
s1.print_details();
```

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