```
curpost java, util, ;
Class Student
    private string USN;
     prévate string houne;
              iest n;
    private
    private double SGPA=0;
    private int total Credits = 0;
              is = new Scanner (System.in);
     Scurner
   void Details ()
     Systeen. out. printles ("Enter USN of the student");
     USN= SS. next Line ();
     Systemout. priester ("Enter Nam of the Studies");
    name = 55. next line ();
    Systeen. out. printler ("Enter no. of subjects");
     n= 55. mext 2n+ ();
    int credits[]= new int[n];
    double uncoks[]: new double[n];
    System. out. printler ("Enter details of the subjects");
    for (int i=0; i <n; i++)
      System, out, printly ("Enter credits allotted
      to the subject "+(i+1)),
      credits[i] = ss.next Int();
      System.out. printle ("Enter awarks "+ (i+1));
      anarks[i] = 55. next Int();
```

```
Calculate (credits[i], marks[i], i);
void Calculate (interedit, double mark, lut j)
   total Credits = total Credits + credit;
  1) (work)=90 &d wark <=100)
         SGPA = SGPA+ (10*credit);
   else if the mark 580 ld mark (=89)
         5GPA = 5GPA + (9* cradit),
    else if ( ancok )= 70 & d mork (= 79)
          SGPA = SGPA + (7 * cruelit))
   else if (mark >= 60 & 8 mork (= $69)
         SGPA = SGPA + (6 * credit);
    else if (inark) = SU & & unark (= 59)
        SGPA = SGPA + (5 * credit);
       Système out printen ("Juiled in subjecte"
     else
                                        + (j+1));
  void Display ()
     System. out. printler ("Details of the Student");
    Systeen. out. prientles ("Name:"+ name);
    System.out.printler ("USN:"+U5N);
    System, out. printles ("5GPA of studet"+
                                  (SGPA/totalGradits));
```

```
·public static vaid unain (string ergs[7)

{

Student 51 = new Student();

51. Detcells();

3 S1. Display();

3
```

```
File Edit Format View Help
import java.util.*;
class Student
        private String USN;
        private String name;
        private int n;
        private double SGPA = 0;
        private int totalCredits = 0;
        Scanner ss = new Scanner(System.in);
        void Details()
        System.out.println("Enter USN of the student");
        USN = ss.nextLine();
        System.out.println("Enter Name of the student");
        name = ss.nextLine();
        System.out.println("Enter no of subjects");
        n = ss.nextInt();
        int credits[] = new int[n];
        double marks[] = new double[n];
        System.out.println("Enter details of the subjects:");
        for(int i=0;i<n;i++)
                System.out.println("Enter credits allotted to the subject "+(i+1));
                credits[i] = ss.nextInt();
                System.out.println("Enter marks in the subject "+(i+1));
                marks[i] = ss.nextInt();
                Calculate(credits[i],marks[i],i);
    void Calculate(int credit, double mark, int j)
                totalCredits = totalCredits + credit;
                if(mark \ge 90\& mark \le 100)
                        SGPA = SGPA + (10*credit);
                else if(mark > = 80 \&\& mark < = 89)
```

```
Calculate(credits[i],marks[i],i);
void Calculate(int credit,double mark,int j)
             totalCredits = totalCredits + credit;
             if(mark>=90&&mark<=100)
                     SGPA = SGPA + (10*credit);
             else if(mark>=80 && mark<=89)
                     SGPA = SGPA + (9*credit);
             else if(mark > = 70\&mark < = 79)
                     SGPA = SGPA + (8*credit);
             else if(mark > = 60 \& mark < = 69)
                     SGPA = SGPA + (7*credit);
             else if(mark > = 50 \&\& mark < = 59)
                     SGPA = SGPA + (6*credit);
             else if(mark > = 40\&mark < = 49)
                     SGPA = SGPA + (5*credit);
             else
                     System.out.println("Failed in subject "+(j+1));
    void Display()
             System.out.println("Details of the Student");
            System.out.println("Name :"+name);
            System.out.println("USN: "+USN);
            System.out.println("SGPA of student "+(SGPA/totalCredits));
    and an
    public static void main(String args[])
            Student s1 = new Student();
            s1.Details();
            51.Display();
```

```
Microsoft Windows [Version 6.3.9600]
(c) 2013 Microsoft Corporation. All rights reserved
C:\Users\user2>cd documents
C:\Users\user2\Documents)cd java
C:\Users\user2\Documents\JAVA>cd work space
C:\Users\user2\Documents\JAVA\WORK SPACE>javac Student1.java
C:\Users\user2\Documents\JAVA\WORK SPACE>java Student
Enter USN of the student
1BM19CS041
Enter Name of the student
Dares han
Enter no of subjects
 Enter details of the subjects:
Enter credits allotted to the subject 1
 Enter marks in the subject 1
 Enter credits allotted to the subject 2
 Enter marks in the subject 2
 Enter credits allotted to the subject 3
 Enter marks in the subject 3
   etails of the Student
    Na 1BM19C8841
  SGPA of student 8,909090909090900
  C:\Usors\usor2\Documents\JAVA\WORK &FAGE
```