```
2). Develop a java foreignam to create a class student with members usn
       Develop a java foregram to create a mostry mores, Include methods name an array models and an array mothed to calculate to accept and display details and a mothed to calculate
        SOPA of a student
       import java util. ";
A>
        hublic class Main
             Storing name;
          Storing con;
Int market) = new int[5];
          int oredits [] = new int [5]; and a nion him order office
          int tot=0;
           infi;
         int grade = 0,
          void Gread data()
         I Scamer obj = new Scanner ( System In) ;

System out printent Enter name of student by
             name = obj. next().
Systom. out frinkln ("Enter the USN")
             usn = obj.next();
            system out println (" Enter the credits and moves of 5 sujects");
             for i=0; i<5; i++)
                 System out printen (" Credits you subjects "+ (i+1)+":");
                coredits [i] = Obj. next Int();

System: out. println (" Marks for suggest" + (i+1) + ":"),

monts [i] = Obj. next Cnt();
       void calc_SGRA()
       { for (# i=0; i<5; i++)
} if (modes(i)>= 90 & a modes[i] = 100)
              grade =10;
               else if (monts [i] >= 75 ex monts [i] < 90)
```

```
eleif ( monks [i] > =.60 KR monks [i] <75)
else if ( mosks[i]>=50 kk mosks[i]<60)
 elserif (marks[i]>=45 exmarks [i]<50)
 grade=6;
 else if (monks [i] >= 40. XX mosts [] (45)
  grade=5;
 cloc if (marks [i](40)
 grode = 0,
    tot = tot + grade * credits [i];
 tot = tot/20;
 System. out. frinken ('SGPA: "+ tot);
   void destils ()
 3 System-out-printent "Name: "+ name).
     System. out. println ("USN:" + USDA);
    System. out pringen ("Mooks and & Credits you all. 5 Subject: ")
    for(i=0; i<5; i++)
          System.oud. printen (magks [i]);
        System out frint in ( Credits [i])
 public static vold named main (Storing ange )
    Main 06= new Main ().
       ob. calc_Sarp();
       ob details ()
```

gpa1 - Notepad File Edit Format View Help import java.util.\*; public class Main String name; String usn; int marks[]=new int[5]; int credits[]=new int[5]; int tot=0; int i; int grade=0; void read\_data() Scanner obj=new Scanner(System.in); System.out.println("Enter the name of the students"); name=obj.next(); System.out.println("Enter the USN"); usn=obj.next(); System.out.println("Enter the credits and marks for 5 subjects"); for(i=0;i<5;i++)System.out.println("Credits for subject"+(i+1)+":"); credits[i]=obj.nextInt(); System.out.println("Marks for subject"+(i+1)+": "); marks[i]=obj.nextInt(); void calc\_SGPA() Ln 1, Col 1 100% Windows (CRLF) Type here to search

gpa1 - Notepad File Edit Format View Help void calc SGPA() for(i=0;i<5;i++)if(marks[i]>=90&&marks[i]<=100) grade=10; else if(marks[i]>=75&&marks[i]<90) grade=9; else if(marks[i]>=60&&marks[i]<75) grade=8; else if(marks[i]>=50&&marks[i]<60) grade=7; else if(marks[i]>=45&&marks[i]<50) grade=6; else if(marks[i]>=40&&marks[i]<45) grade=5; else if(marks[i]<40) grade=0; tot=tot+grade\*credits[i]; tot=tot/20; System.out.println("SGPA:"+tot); void details() System.out.println("Name:"+name); System.out.println("USN:"+usn); System.out.println("Marks and Credits for all 5 subjects:"); for(i=0;i<5;i++)Ln 1, Col 1 100% Windows (CRLF) UTF-8 Type here to search

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Command Prompt Microsoft Windows [Version 10.0.18363.1139] (c) 2019 Microsoft Corporation. All rights reserved. C:\Users\sohan>cd C:\Users\sohan\Desktop\Java Programs\SGPA C:\Users\sohan\Desktop\Java Programs\SGPA>javac Main.java C:\Users\sohan\Desktop\Java Programs\SGPA>java Main Enter the name of the students sohan Enter the USN Enter the credits and marks for 5 subjects Credits for subject1: Marks for subject1: Credits for subject2: Marks for subject2: Credits for subject3: Marks for subject3: Credits for subject4: Marks for subject4: Credits for subject5: Marks for subject5: SGPA:8 Name:sohan USN:159 Marks and Credits for all 5 subjects: SGPA:8 C:\Users\sohan\Desktop\Java Programs\SGPA>

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