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6/10/20
                                             1BM19 C5090
                                 Mohammed Thatin Rahil.
Lab Program
         nevelop a Java program to create a
     Student with members usu, name, an away credits
dass
                    marks. Include methods to accept
and
      an away
 and display details and a mosthood to calculate
   a student.
code:
        java wil Scarner;
 does Student
   private
     String usn, name;
      float cr() = new Awat (5);
      float m(): new float (5);
   public
      Scannor S = new Scanner (System.in),
        void get det ()
          System.out. println ("Enter Name: ");
          name = s.rect();
          System. out printle ("Enter usu;")
           USh = 5. next().
           for (int i=0; i (5; i+1)
              System.out-printle ("Enter Credits for Subject "+(i+1));
               CrCil = S.nocd Fload ().
               System. out. println ("Exter Moules
                                            for subject "+ (i+1)).
              m(i) = S. next Flood ();
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IBMIG CSOQ.
public void printdel()
   System out printle (" Student Details one, ).
   System. out println (" Name: "+name);
   System out printle ("USN:" 1 usn);
    Fa (int 1:0; 125; 1++)
       System. out printly ("Subject" + (i+1) +" Creelits:"+cr[;]).
       System. out. printh ("Subject" + (i+1)+" Marks: "+m[i)).
 public void segpa ()
      int a
      float seq =0, for =0;
      for (int i=0; i L5; i++)
      for (int i=0; i (5; i++)
          if (mciJ ) = 90)
          a = 10'
          else if (mCiJ >= 80)
          a = 8:
          else if (mCi) >=7.)
         else if (mCi3>=60)
          a = 6.
          else if (m [i] >=50)
         a = 5;
          else
         a = 4',
         scg + = ((or(i)*a) /tor);
     System - out - princh ("SCGP is " + scq);
3
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public state void main (string augst1)

front segre

Student SI = new Student ();

SI. geddet();

SI. segpa();

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scgpa.java 🖴
   •
                                                                                                                                          Ŧ
                                                                                                                                                 A
           Saved
  class Student
4 5 6
     private
        String usn,name;
float cr[]=new float[5];
float m[]=new float[5];
     public
        Scanner s=new Scanner(System.in);
11
12
        void getdet()
13
14
          System.out.println("Enter Name:");
          name=s.next();
           System.out.println("Enter USN:");
          usn=s.next();
for(int i=0;i<5;i++)
17
19
20
             System.out.println("Enter Credits for subject "+(i+1)+":");
21
22
             cr[i]=s.nextFloat();
System.out.println("Enter Marks for subject "+(i+1)+"(for 100):");
23
24
             m[i]=s.nextFloat();
           }
        public void printdet()
27
28
          System.out.println("Student Details are,");
System.out.println ("Name:"+name);
System.out.println ("USN:"+usn);
29
30
31
32
           for(int i=0;i<5;i++)
             System.out.println("Subject "+(i+1)+" Credits:"+cr[i]);
System.out.println("Subject "+(i+1)+" Marks:"+m[i]);
33
34
           }
37
        public void scgpa()
38
          int a;
float scg=0,tcr=0;
40
41
           for(int i=0;i<5;i++)
42
43
             tcr+=cr[i];
44
           for(int i=0;i<5;i++)
47
              if(m[i] >= 90)
48
              a=10;
              else if(m[i] >= 80)
50
              a=8;
              else if(m[i] >= 70)
              a=7;
              else if(m[i] >= 60)
54
              a=6;
              else if(m[i]>=50)
              a=5;
              else
58
59
              a=4;
              scg+=((cr[i]*a)/tcr);
60
61
           System.out.println("SCGP is "+scg);
63 }
64
65 class main
66 {
67
     public static void main(String args[])
68
        float scgp;
70
71
72
73
        Scanner n=new Scanner(System.in);
        Student s1=new Student();
        s1.getdet();
        s1.printdet();
74
        s1.scgpa();
75
76}
```

Terminal

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