```
SERPACALC
impost java.util.*;
class Student of
     peivale Steing usn;
      private String name;
      private int cred[];
      private int marks [];
       private int n;
       void accept ()
             Scanner 3 = new Scanner (System.in);
            System. out println ("Enter Student details");
            System out printh ("USN of the students");
            USn = S.next();
            System . out . println ("Name of Student:");
            name = s. next();
            System. out println ("Enter the number of subjects:");
             n = s.next nut ();
             cred = new int [n];
             marks = new int[n];
             System out println ("Enter credits and marks attained by
                                the Student in each subject (out of 100)");
```

for (int i=0; icn; i++)

(cred [i] = S.nortInt();

marks[i] = S.nortInt();

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```
void display ()
   System out println ("Student details:");
   System. out . println ("USN:"+usn);
   System . out. println ("Name:"+name);
  System out printh ("Marks in each subjects:");
  for lant 120, ion; i++)
      System. out. println ("Subject"+ (i+1)+":"+ marks [i]);
double (alculate ()
     int tcp = 0, tc = 0;
     tor (int i=0; icn; i++)
           te=te+cold[i];
           if (marks [i] >=50)
           tcb=tcb+(((marks[i]/10)+i)*csed[i]);
            else if (marks[i]>=40 22 marks[i] <50)
                top=top+C4* celd[i];
   Between choulde the /tc;
```

```
class Main

bublic 8-tatic void main (String 35 []) L'

Student 81= new Student ();

S1. accepte);

S1. displayer;

System.out. println ("SGPA:"+S1. calculater());

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