VARRA CHARAN REDDY
IBM19CS178

```java
import Java.util;
class student {
  string name, usn;
  double credits[] =new double[s];
  double marks [] =new double [s];
  double a [] =new double[s];
  double total =0, tc= 0, sgpa =0, tme=0,
  void get Details () {

  scanner in = new scanner (system.in);
  system.out.println ("Enter name and usn");
      name = in.nextline();
      usn = in.nextline();
  for (int i=0, i<s; i++)

{
  system.out.println (" Enter marks and credits of
                          subject" +(i+1));

      marks (i) = in.next Double ();
        credits[i]= in.next Double ();
      }
      }
  void display Details () {
  system.out println ("Name" +name);
  System.out.print/h ("USN " +usn);

    for (int j =0 ; j <s ; j++) {
      total + = marks (i);
      }
```

```java
System.out.println("Total marks", +total);
}
void SGPA() {
for (int j=0; j<s;j++) {
if (marks[i]>=90
a[j]=10.0;
else if ((marks[j]>=80 && (marks[i]<90))
a[j]=9.0;
else if ((marks[i]>=70 && (marks[j]<80))
a[j]=8.0;
else if ((marks[j]>=60 && (marks[j]<70))
a[j]=7.0;
else if (marks[j]>=50 && (marks[j]<60))
a[j]=6.0;
else
a[j]=0.0
}
for (int h=0; h<s; h++) {
tc += credits[h];
tmc += (credits[h] +a[h]);
}
sgpa = (tmc/ +c);
System.out.println("sgpa", h +sgpa);
}
}
```

```java
public class student sgpa {
    public static void main (string() args) {
        student s1 = new student ();
        s1 - get Details();
        s1 - display Details();
        s1 - SGPA ();
    }
}
```