SHLOK IRMZZCSZ60



	18M22(8560	33
2) [Develop la Java frogram to create a e	class Student with
N	rembers uso, name, an array credits a	od an arra. mentes.
1	nchibe methods to accept and display the	details and a method
	to calculate SGPA of a student	
	SGPA = E course credits & cx	rade foirs
	SOPA- E Course credits & g E (Course credits)	
0,1	rport java. util . \$ Scanner;	
	lan Subject	
E		
L	int subject Marles;	
	int credets;	
	ent glade;	
2		
i	lan Student	
ξ		
	String name:	
	String usn;	
	Subject Subject [];	
	double Sapa;	
	Scander S:	
	Student()	
	int i:	
	Subject ? = new Site, Subject [9]	1
	For (=0, << a; ; ++)	
	Subject[i] = new Subje	ect();
	S = new Sconner C System.	
	3	

```
void get Student Details ()
    System. out. frith ("fater the USN: ");
     usn = S. neutline ();
     System. out-println ("Exten the name: ");
     name=S. rentLine();
 void getmarks ()
     for lint 1:0; (9:1++)
         System. out Println ("Enter the Subject marks!
         subject[i]. Subject Marks -s, next Int();
         System. out. println ("Enter the oredits:")
         subject[i], credits - s, rent Int()
         Subject [i] grade = (subject [i] - Subject Marky/10)
         if (subject(i).grade >10){
                  sobject [i] grade = 10;
         if (subject [i] grade (=4)
                  Subject Ci I apade - 0;
  void computeSCrPA()
      int effectivesure=0;
      ent totalcred=0;
      for (int : 20: : <9: :++)
           effective score tolso bject (: ]. grade + signer ]. credit
            Fotolored + 2 subject[]. credits;
      sapa- (double) effectivesure/(double) total cred;
```



Public class main. Public static void main (String args () Student SI = New Student (); Slight Student Details ()i Sl. getmanles(); SI. COMPUTE SCAPAC); System-out-println ("Name: "+ Sl. name); System.out. Println ("USN": "+ SI, USN); System.out. println ("SUPA: "+ SI. Sypa); Enter the USN: Enter the rame: Enter the subject marks: Enter the credite: Ц Enter the subject marker: Enter the credits: 4 Enter the subject montes: 84 ENOUT THE WEST H:

