## QUESTION:

Develop a Java frogram to create a class student with membere User, name an array of weelite & array of marks. Include methods to aught & veiglay details and method to calculate Sgpa of a student.

## CODE:

class Student
4
Store uso (10);
man(20);
_ mark_
int marks ) = naw out (5);
cot crodity ] = new int ( = 7.
double result = 0; int total;
void acopt ( )
4
ALCOHOLD THE PROPERTY OF THE PARTY OF THE PA
Scanner Scan = new . Scanner (System in);
- Maria
System. out- parter (" Enter us");
uen nextlen();
Sutam out : winte ("Fite me ").
name = nextler();
System out printle ("Forter marks");
phodissisant
for(iti=0; i<5; i+f)
of marchafil = scan nord Fat(); y.
Listen out printh ("Enter wiedits");
In (inti=0;i 65;i+=)
Coudits (i) = rean-next tot ();}
y
word display ( )
-
Septen out pointly (un);
Sylam out Printh (rame);

OUTPUT:

```
C:\Users\dhru2\OneDrive\Desktop\1BM21CS057>javac LAB2.java
C:\Users\dhru2\OneDrive\Desktop\1BM21CS057>java sgpa
enter name and usn of the student
Dhruva 1BM21CS057
enter number of courses
credit of the subject1:
marks of the subject1:
credit of the subject2:
marks of the subject2:
90
credit of the subject3:
marks of the subject3:
credit of the subject4:
marks of the subject4:
credit of the subject5:
marks of the subject5:
94
usn of the student: 1BM21CS057
name of the student: Dhruva
sgpa is 9.8333333333333334
```

```
for (650; 665, 6++)
    ( Setem out pointer (marke [i])
      System out printer ( credite (i); }
float cale_sgga ( )
     est i bleest signi
     for (i=0; i<5; i++)
         if (marks (i) >= 90) L& marks (i) < 0100
            result + 10 + creditali);
        else if (morte [i] > = 80 & 2 make (i) (1
            result = 9 oudit [i];
         else of (marketi)>=70 42 morketi) <
             result += 8 * custite (i);
        else if (marls(i)>=60 & & marke (i)(i
             result += 7+ crodite (i);
        else if (marks[i])=50 L& mark(i)($0)
            result += 6 + would [1];
         else if Corante()>=40 & & margely Con
           result += 150 outite (i)
           result = 0;
for (it ito, ic5, i+1)
      total = total + media (i);
  The - result / total; RETURNED 501
```

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aloss Egbar d

psvm (staing ss ())

{

Student s1 = now student();

S1. accept();

S1. display();

Electrolic sappa(Opa s1. colc_sgba();

}
```