

## Lab program - 2

class sgpa {

class Student {

int usn;

String name;

int[] credits = new int[~~10~~<sup>6</sup>];

int[] marks = new int[6];

void setUsn(int usn) {

    this.usn = usn;

}

void setName(String name) {

    this.name = name;

}

void credits(int[] credits)

    for (int i = 0; i < this.credits.length; i++) {

        this.credits[i] = credits[i];

    }

}

void setMarks(int[] marks) {

    for (int i = 0; i < this.marks.length; i++) {

        this.marks[i] = marks[i];

    }

}



double  
~~class~~ sgpa() {

int sum = 0;

for (int i = 0; i < this.marks.length; i++) {

if (marks[i] >= 90) {

sum += 10;

} else if (marks[i] >= 80) {

sum += 9;

} else if (marks[i] >= 70) {

sum += 8;

} else if (marks[i] >= 60) {

sum += 7;

} else if (marks[i] >= 50) {

sum += 6;

} else if (marks[i] >= 40) {

sum += 5;

} else {

sum += 0;

}

~~if (avg >= sum)~~

double avg = ~~sum~~ (double) sum / marks.length;

if (avg >= 90) { ~~return avg;~~

return 'S';

} else if (avg >= 80) {

return 'A';

} else if (avg >= 70) {

return 'B';

} else if (avg >= 60) {

return 'C';

} else if (avg >= 50) {

return 'D';

} else if (avg >= 40) {

return 'E';

} else {

return 'F';

class Main {

public static void main(String[] args) {

Student s1 = new Student();

s1.setName("Ritvik");

s1.setUSN(123);

Scanner input = new Scanner(System.in);

int[] a = new int[6];

int[] b = new int[6];

for(int i=0; i<a.length; i++){

a[i] = input.nextInt();

b[i] = input.nextInt();

}

s1.setCredits(a);

s1.setMarks(b);

~~Next~~

System.out.println(s1.calculate());

}

}