import java.util.Scanner;  
  
public class Student {  
 String name, usn;  
 double SGPA;  
   
   
 int[] marks = new int[4];  
 int[] credits = new int[4];  
 double[] gradepoints = new double[4];  
 double total = 0, credittotal = 0;  
   
  
 Scanner sc = new Scanner(System.in);  
  
 void getStudentDetails() {  
 System.out.println("Enter name:");  
 name = sc.nextLine();  
 System.out.println("Enter USN:");  
 usn = sc.nextLine();  
 }  
  
 void getMarks() {  
 for (int j = 0; j < 4; j++) { // Changed from ',' to ';'  
 System.out.println("Enter " + (j + 1) + " subject marks:");  
 marks[j] = sc.nextInt();  
 System.out.println("Enter credits for subject " + (j + 1) + ":");  
 credits[j] = sc.nextInt();  
   
 gradepoints[j] = (marks[j] / 10) + 1;  
 if (gradepoints[j] > 10) {  
 gradepoints[j] = 10;  
 }  
   
 }  
 }  
  
 void computeSGPA() {  
 for (int j = 0; j < 4; j++) { // Changed from ',' to ';'  
 total += gradepoints[j] \* credits[j]; // Calculate weighted points  
 credittotal += credits[j];  
 }  
 SGPA = total / credittotal; // Compute SGPA  
 }  
  
 void display() {  
 System.out.println("Name: " + name);  
 System.out.println("USN: " + usn);  
 System.out.println("SGPA: " + SGPA);  
 }  
  
 public static void main(String[] args) {  
 Student s1 = new Student();  
Student s2 = new Student();  
 s1.getStudentDetails();  
 s1.getMarks();  
 s1.computeSGPA();  
 s1.display();  
  
 }  
}

