Quiz 1 - Repeat

Write a program that reads the grades for the exams and assignments in a course including 2 exams and 2 assignments. The program should be able to adapt to the conditions of the course. More precisely:

* The program should read the number of students in the course.
* For each of the four grades, ask the user what the weight of the grade is.  
  In other words, how much is the grade worth as a percentage of the final grade for the course?
* The program should validate that the total of the four weights given is indeed equal to 100.
* Then, for each student, the program should read the student’s four grades (each out of 100). Verify that the values entered are between 0 and 100. Then calculate the final course grade for each student.
* The program should display whether the student passes or fails the course. A student passes if they achieve 60 or greater.
* Finally, the program should display the average of all the students’ final course grades.