

Comp. Anal. of Phys. Sys.

HW6

(Upload a single PDF file containing your code and a screenshot of the output as your homework.)

Define a "student" class. A student has a name, a midterm grade and a final grade.

Ask the user to enter the number of students attending the lecture. Then ask the user to enter the properties of the students.

The semester grade of a student is found by the formula:

$$\text{semgrade} = (0.4) * (\text{midterm}) + (0.6) * (\text{final})$$

and a student whose semgrade is **greater than 65** can pass the course.

Write the names of the students who passed the course.

Hint:

You can define a "stu" vector which has elements of the type "student" as

stu=[student for i in range(N)]

and use it in a loop as

stu[i]=student(name,midterm,final)