

Computational Analysis of Physical Systems
Homework 6
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```
class student:
    def __init__(self):
        self.name = raw_input("Name: ")
        self.midterm = input("Midterm: ")
        self.final = input("Final: ")

    def semgrade(self):
        self.semgrade=(0.4)*self.midterm+(0.6)*self.final
        if self.semgrade >= 65.0: print self.name

N=input("Enter the number of students: ")

stu_input=[]
for i in range (N):
    stu_input.append(student())

print "The students who passed the course are: "
for j in range (N):
    stu_input[j].semgrade()
```

Output:

```
Enter the number of students: 2
Name: orkun
Midterm: 1
Final: 1
Name: altug
Midterm: 100
Final: 100
The students who passed the course are:
altug
```