



## RULES AND GUIDE

1. Write your pseudocode for each of the task and add it at the top of the

File before you begin the code. Use comment to make it unexecutable

2. Do the task in both Python and Java

3. No outsourcing of the code is allowed. Write only own algorithm

4. Deadline before 9:00am tomorrow

**semicolon**





1. Write a program that collects two age input  
(ranging from 1 to 80):

current father's age (years)

current age of his son (years)

Calculate how many years ago the father was  
twice as old as his son (or in how many years he will  
be twice as old). The answer is always greater or  
equal to 0, no matter if it was in the past or it is in the  
future.

**semicolon**





2. Write a program that calculates the average of the three scores passed to it and returns the letter value associated with that grade.



Numerical Score

Letter Grade

$90 \leq \text{score} \leq 100$

'A'

$80 \leq \text{score} < 90$

'B'

$70 \leq \text{score} < 80$

'C'

$60 \leq \text{score} < 70$

'D'

$0 \leq \text{score} < 60$

'F'

Tested values are all between 0 and 100. There is no need to check for negative values or values greater than 100.

**semicolon**





THANKS!

Hope that was fun?



semicolon

