LAB14-02b – Grading System (cont'd)

Input five scores, average them and transform the result into a letter grade by the following rules. Output the grade.

Input

Your inputs will be within 0~100, e.g. 50. If it is out of range, ask for another input. The rule of the grading system is as follow:

Score within   [80,100] gets an A.

[70, 80) gets a B.

[60, 70) gets a C.

If there is any input that is lower than 60, one gets an F anyway, which means that you should break the loop and output the result right away.

Output

For each round, you will output a letter grade, respectively. For example, if the average of the inputs is 90, then your output will be "A". If there is any score that is out of range, output "Wrong input." and ask for a new one.

Sample input

95
25
70
80
45
90
70
70
105
70
70

Sample output

F
F
Wrong input.
B