

LAB14-02a – Grading System

Input a score, transform it into a letter grade by the following rules and output the grade.

Input

Your input 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.
	[0, 60)	gets an F.

Output

For each score, you will output a letter grade, respectively. For example, if the input is 90, then your output will be "A".

Sample input

100
60
75
80
0

Sample output

A
C
B
A
F