Ghassan AL Dajani

Pre: 0≤ a ≤100 ∈ ℝ

Post: mapping to a to one of A+, A, B+, B, C+, C, D+, D, E, or F is outputted

END

YES

YES

YES

YES

YES

YES

YES

YES

NO

NO

NO

NO

NO

NO

NO

NO

NO

Print F

Print D

Print D+

Print C

Print C+

Print B

Print B+

Print A

Print A+

Is a> =50

Is a>= 55

Is a > =60

Is a > =65

Is a >= 70

Is a>= 75

Is a > =80

Is a >=90

START

Input

a