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**36th Annual High School Programming Contest**

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##### April 12, 2024

###### Green Problem #2: Making the Grade

Background Information:

For most courses at Siena College, students earn a final letter grade. Many professors use the following table to convert a numeric average for a course into the final grade.

Letter Grade Range

A 93 ≤ Numeric Average ≤ 100

A- 90 ≤ Numeric Average < 93

B+ 87 ≤ Numeric Average < 90

B 83 ≤ Numeric Average < 87

B- 80 ≤ Numeric Average < 83

C+ 77 ≤ Numeric Average < 80

C 73 ≤ Numeric Average < 77

C- 70 ≤ Numeric Average < 73

D+ 67 ≤ Numeric Average < 70

D 63 ≤ Numeric Average < 67

D- 60 ≤ Numeric Average < 63

F 0 ≤ Numeric Average < 60

Write a program that inputs N, a number between 0 and 100 (inclusive) and outputs the letter grade using the above table. No rounding up will be performed on the input.

###### Programming Problem:

Input:  A number between 0 and 100 (inclusive).

Output: The corresponding letter grade.

###### Example 1: Input: 88

###### Output:  B+

###### Example 2: Input: 92.9

###### Output:  A-

###### Example 3: Input: 58

Output: F