

Grade Converter

Due: Tuesday, September 11th

Problem: Create a program that takes in an integer or float from 0-100 inclusive and converts the number to a letter grade. Use the grading scale:

$$A: 90 \leq x \leq 100$$

$$B: 80 \leq x < 90$$

$$C: 70 \leq x < 80$$

$$D: 65 \leq x < 70$$

$$F: 0 \leq x < 65$$

If the user inputs a number that is not 0-100 inclusive, print out the line “Out of range” (no new line character (\n)).

Before submitting, check all your conditional statements to make sure they are functioning correctly and try to test with all “edge test cases.” **Edge test cases** are test cases that are created to test the boundaries of your program and conditional statements and are more likely to crash the program or result in an error. For example, the input can be 0-100 inclusive. Two edge cases here are 0 and 100.

Save your file as “firstname_lastname_grade.py”.

Sample input:

87

Sample output:

B

Note: Output must match this output exactly. No extra “new lines” (\n), spacing, or text should be outputted.