Assignment 1: Variables, operators, and if conditions

Exercise 1

Write a program that takes from the user three float values (top, bottom, and val) and prints true if val is between top and bottom, false otherwise.

Example: if top=3.1, bottom=2.2, val= 3.0001, the code would print:

True

if top=4.53, bottom=2.2, val= 5.0, the code would print:

False

Exercise 2

Write a program that takes from the user three integers (a, b, and c) from the user and prints the max and min numbers.

Example: if a=3, b =100, c=77, the code would print

The maximum value is b

The minimum value is a

Exercise 3:

Write a code that takes from the user their total grade and then prints their letter grade.

The letter grade is computed as follows

Total	Letter grade
>89	A
>79	B
>69	C
>59	D
<=59	F

Example: if the user inputs 78, the program would output C

If the user inputs 59, the program would output F