BOOLEAN OPERATOR

- NOT
  - NOT operator returns the opposite Boolean value of the operator.
  - If the operator is True, NOT returns False
  - If the operator is False, NOT returns True
  - 0 is False, 1 is True

```
>>> not True
False

>>> not False
True
```

Input	Output
A	X
0	1
1	0

BOOLEAN OPERATOR

- AND
  - AND operator returns True if both operators are True, or False otherwise
  - 0 is False, 1 is True
- Example
  - A shop offers 10% off for customers who buy 10 or more items and worth $100 or more
  - If a customer buys
    - 15 items and total price is $200, they will get 10% off
    - 5 items and total price is $500, they won't get 10% off
    - 20 items and total price is $90, they won't get 10% off
    - 1 item and total price is $10, they won't get 10% off

Inputs		Outputs
A	B	X
0	0	0
0	1	0
1	0	0
1	1	1

BOOLEAN OPERATOR

- OR
  - OR operator returns True if at least one of the operators is True, or False if both operators are False
  - 0 is False, 1 is True
- Example
  - A shop offers 10% off for customers who buy 10 or more items or worth $100 or more
  - If a customer buys
    - 15 items or total price is $200, they will get 10% off
    - 5 items or total price is $500, they will get 10% off
    - 20 items or total price is $90, they will get 10% off
    - 1 item or total price is $10, they won't get 10% off

Inputs		Output
A	B	X
0	0	0
0	1	1
1	0	1
1	1	1

EXAM QUESTION

- Ask user to input three numbers
- Assume each number is unique
- Output the highest value or its variable's name

- Example
- a = 1 b = 5 c =7
- The highest number is c, 7

QUESTION

- Write a program to accept a score from user
- Assume that the score is always between 0-100
- Then, show the grade as output
- Criteria
  - 90-100 : A*
  - 80-89 : A
  - 70-79 : B
  - 60-69 : C
  - 50-59 : D
  - <50 : F