CS 101 Homework #4

Deadline: October 19th, 9:00 pm or earlier.
Remind: Save your code as yourlastname_homework4.py and submit on Edmodo.

Questions/Tasks:

- For this homework, please, avoid using the IF statements even if you know how to do that.
- Use f-strings approach when printing your output

1) Ask the use of your code (the person who runs your program) to enter two numbers between 0 and 10 (let's call them A and B).

2) Calculate and display A * B, A // B, A % B, A ** B
Hint: don't forget that the input values are strings!
Requirement: The output should look like this, for example:
        "The product of your numbers is 24"

3) Next compare A and B, and display the results.
There should be four comparisons: ==, !=, >, and <.
Requirement: The output should look like this, for example:
        "8 > 3 is True"

4) Calculate and display if it's true that both A and B are greater than 5.
Requirement: The output should look like this, for example:
        "8 > 5 and 3 > 5 is False"

5) Similar to the question above, calculate and display if it's true that at least one of the numbers is greater than 5.

6) Using != and logical AND examine if both of your numbers are not equal to 5
Requirement: The output should look like this, for example:
        "8 is not equal to 5 and 3 is not equal to 5 is True"
or, one of the numbers is actually 5:
        "5 is not equal to 5 and 3 is not equal to 5 is False"

7) Create a second version of your program which determines if a valid number was entered. If the user did not enter a correct number it should display a message "Incorrect input".
Requirement: Use try-except-else-finally statements
Regardless of the input, display "Thank you" using finally statement.

8) (Optional bonus question) Implement while loop and ask for use input until a correct input is entered. Consult class notes to see an example how this can be done.