## **I/O, Comparison operators, arithmetic operators**

**The goal for this exercise** is to make sure that you can use the material that has been covered in the previous exercises, but in a more open-ended (and therefore more ‘real-world’-like) scenario

**What you need to do for this exercise:**  In the starter project, fill in the IO\_Operators. RunExercise method, so that it will start by asking the user for two numbers. Next, it will print out a message telling the user if the first number is within 5 integers of the second one (or not). Make sure that you pay careful attention to details such as what the word “within 5 integers” means in this program!

For example, if the user types in 20 and 24, your program might print:

**20 and 24 are within 5 integers of each other.**

For example, if the user types in 20 and 26, your program might print:

**20 and 26 are NOT within 5 integers of each other.**

For example, if the user types in 20 and 25, your program might print:

**20 and 25 are within 5 integers of each other.**

For example, if the user types in 24 and 20, your program might print:

**24 and 20 are within 5 integers of each other.**

For example, if the user types in 26 and 20, your program might print:

**26 and 20 are NOT within 5 integers of each other.**

For example, if the user types in 25 and 20, your program might print:

**25 and 20 are within 5 integers of each other.**