

## EXERCISE 01 - SEQUENCE &amp; SELECTION (IF-STATEMENT)

**IMPORTANT:** Before submission, make a copy of your 'Program.cs' file for each question and then rename each file to the following:

## File Names:

- *last\_name\_first name\_U2\_E01\_1-4.cs*
- *last\_name\_first name\_U2\_E01\_5.cs*
- *last\_name\_first name\_U2\_E01\_6.cs*

**Note:** Along with last name and first name, make sure the end of the filename (i.e., before the .cs) has the **unit number**, **exercise number**, and **question number**. For example:

smith\_john\_U1\_E03\_2.cs

**\*\*\*Use only 1 file for questions 1 to 4:**

1. Write a program that will ask the user for two integers. Have the program output if the numbers are equal or not.
  2. Write a program that will ask the user for an integer. Have the program output if the number is positive, negative, or equal to 0.
  3. Write a program that will ask the user for two integers. Have the program output if the sum of those two integers is greater than, less than, or equal to 20.
  4. Write a program that asks the user for two strings. Have your program determine if the two strings are equal. If the strings are not equal, then print out an appropriate message. **Note:** Make use of ToUpper() or ToLower() so that there is no case sensitivity.
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5. Write a program that asks the user for 4 marks. Display the average of these 4 marks. Have your program also display a grade letter based on the average. Here is the grade letter breakdown you should follow:

Average %	Grade Letter
>= 90	A+
>= 85	A
>= 80	B+
>= 75	B
>= 70	C+
>= 50	C
< 50	D

6. **[THINK]** Write a program that asks the user for an integer greater than zero. Have your program determine if the integer is odd or even. Display an appropriate message. **Hint:** Use the **modulus operator (%)** to determine if the remainder is zero when two numbers are divided. For example: 7 % 2 = 1, since 7 divided by 2 equals 3 with a **remainder of 1**.