## **EXERCISE 03 - BEDMAS, INTEGER VARIABLES, & COMMENTS**

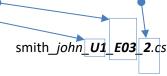
01110101010011 **IMPORTANT:** Before submission, make a copy of your 'Program.cs' file for each question and then rename each file to the following:

## **File Names:**

00100101010101010 

- last name\_first name\_U1\_E03\_1.cs
- last name first name U1 E03 2.cs
- last name\_first name\_U1\_E03\_3.cs
- last name first name U1 E03 4.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:



- 1. Use **BEDMAS** to implement the following mathematical expressions and output to the **console** (submit only **one file** for this question):
  - a) Multiply 5 by 3 then divide by 2
- **b)** Add 6 plus 5 then multiply the **result** by 3
- c) Add 6 to 4 and divide the result by 2 plus 3
- d) Multiply 6 by the result of 6 plus 7 and divide everything by 3
- 2. Store each mathematical expression above into an integer variable then output each integer variable to the console (submit only one file for this question).
- 3. Implement the following equations with **BEDMAS** (submit only **one file** for this question):
  - a) Variable 'a' equals 7 multiplied by 3 plus 2, all multiplied by 6 (output 'a' to the terminal)
- b) Variable 'b' equals the division of 6 by 2, all multiplied by 7 (output 'b' to the console)
- c) r = 2s = 10 divided by 'r' (output 's' to the console)
- d) f = 4g = 7h = 'f' multiplied by 'g' plus 8, all divided by 2 (output 'h' to the console)
- 4. Create 3 integer variables: year, month & day. Make 'year' equal to 2021, 'month' equal to 1 and 'day' equal to 10. Output these variables to the console so that the result looks like the following:

2021/01/20

Note #1: Your Console.WriteLine() statement should contain the integer variables. Do not just output the string "2021/01/20".

**Note #2:** Try to output everything using **only one Console.WriteLine()** statement.

Note #3: Ensure that the month outputs as '01' instead of just '1' (Hint: The '0' can be outputted as a **string literal**).

**Note #4:** Put a **comment** at the top of your code describing what your program does.