

Basics9 – Ellipsis

Due Date

- See Piazza for due date and time
 - Grading the next day
- Submit program to perform in your student directory
 - Sub directory called:
 - /Basics9/...
 - Fill out your **Basics9 Submission Report.pdf**
 - Place it in the same directory as your solution
 - Enter the final Changelist number of your submission
 - Enter the number of test passed
 - Write up a quick discussion in the report
 - What you learned from this basics

Goals

- Ellipsis in C++
 - Understand Ellipsis functions
 - Understand Parameter parsing

Assignments

- General:
 - Have fun learning Ellipsis:
 - Write two programs and pass the tests
 - **`SecondMax()`**
 - **`parse()`**
 - There are only 2 tests
 - So the best score is 2/2
- Program 1: Write an ellipsis program `SecondMax()`
 - Description:
 - `int SecondMax(int count, ...)`
 - Where the function takes an arbitrary number of parameters
 - The first number is the count, followed by the data
 - Return the 2nd largest number
 - Example:
 - `val = SecondMax(5, 6, 3, 8, 9, 7);`
 - There are 5 data values, so the 1st parameter is 5
 - returns 8
 - `val = SecondMax(10, 1, 2, 3, 4, 5, 2, 5, 4, 3, 2);`
 - There are 10 data values, so the 1st parameter is 5
 - returns 4

- [illegible]

- Make sure that your program compiles and runs
 - Warning level 4 - warning free.
 - Your code should be squeaky clean.
- We are using Perforce
 - You should have received the document describing how to login.
 - Please look at the documentation and videos under the reference directory
 - Submit program to performe in your student directory
 - Sub directory called: /Basics9/...
 - As described above
 - All your code must compile from performe with no modifications.
 - Otherwise it's a 0, no exceptions

Validation

Simple check list to make sure that everything is checked in correctly

- Did you do answer all the questions (initial answers are incorrect)?
- Do they compile and run without any errors?
- Warning level 4 free?
- Submitted it into /Basics9 directory - without the extra files?
- Can you delete you local drive, regrab the Basics9 directory?
 - Is all the code there?

Hints

Most assignments will have hints in a section like this.

- This is pretty easy Basic assignment
 - Learn Ellipsis by look on the internet
- I expect this assignment to be completed quickly for most of the students
 - Please make sure you fully understand this code without a debugger.
 - Many little lessons here for those who put in the effort.
- Enjoy