# CITP 155 – Programming I

## Chapter 10 Worksheet

## Graded Activity (15 points)

After reading Chapter 10, pages 405-442 in **Microsoft Visual Studio 2015 Unleashed**, respond to the following. Leave the questions in a black font. Enter your answers in a blue font.

1. What are the two states of the debug menu?
2. During an active debug session, the Output window is a running log of messages emitted by what three things?
3. What are the four sets of available debug options and what does each set control?
4. What are two ways to start the debugger?
5. During an active debug session when the IDE is stopped on a line of code waiting for instructions on how to move forward, what three options do you have for moving through code?
6. When using the debugger, what does the Break All command do?
7. What are the two most obvious windows for watching variables while debugging and what does each one show?
8. What are two ways from the Debug menu to end a debug session?
9. How does the Breakpoints Window help when using the debugger?
10. Critical Thinking: How could the debugger be beneficial for you in your programming?

Extra Credit: What are two ways to clear (or delete) breakpoints?