**Practice Quiz: Code that Crashes**

**TOTAL POINTS 5**

1.Question 1

Which of the following will let code run until a certain line of code is executed?

1 point



Breakpoints



Watchpoints



Backtrace



Pointers

2.Question 2

Which of the following is NOT likely to cause a segmentation fault?

1 point



Wild pointers



Reading past the end of an array



Stack overflow



RAM replacement

3.Question 3

A common error worth keeping in mind happens often when iterating through arrays or other collections, and is often fixed by changing the *less than or equal* sign in our *for loop* to be a strictly*less than* sign. What is this common error known as?

1 point



Segmentation fault



backtrace



The No such file or directory error



Off-by-one error

4.Question 4

A very common method of debugging is to add print statements to our code that display information, such as contents of variables, custom error statements, or return values of functions. What is this type of debugging called?

1 point



Backtracking



Log review



Printf debugging



Assertion debugging

5.Question 5

When a process crashes, the operating system may generate a file containing information about the state of the process in memory to help the developer debug the program later. What are these files called?

1 point



Log files



Core files



Metadata file



Cache file