GRADE 100%

Practice Quiz: Code that Crashes

тот	AL POINTS 5	
1.	Which of the following will let code run until a certain line of code is executed? Breakpoints Watchpoints Backtrace Pointers	1/1 point
	✓ Correct Way to go! Breakpoints let code run until a certain line of code is executed.	
2.	Which of the following is NOT likely to cause a segmentation fault? Wild pointers Reading past the end of an array Stack overflow RAM replacement	1/1 point
	Correct Right on! Segmentation fault is not commonly caused by a new RAM card in the system.	
3.	A common error worth keeping in mind happens often when iterating through arrays or other collections, and is often fixed by changing the <i>less than or equal</i> sign in our <i>for loop</i> to be a strictly <i>less than</i> sign. What is this common error known as? Segmentation fault backtrace The No such file or directory error off-by-one error	5 (1/1 point)
	Correct Nice work! The Off-by-one bug, often abbreviated as OB1, frequently happens in computer programming an iterative process iterates one time too many or too little.	g when
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? Backtracking Log review Printf debugging Assertion debugging	1/1 point
	 Correct Excellent! Printf debugging originated in name with using the printf() command in C++ to display debug information, and the name stuck. This type of debugging is useful in all languages. 	

process in memory to help the developer debug the program later. What are these files called?		
○ Log files		
Core files		
○ Metadata file		
○ Cache file		
✓ Correct		
Right on! Core files (or core dump files) record an image and status of a running process, and can be used to determine the cause of a crash.		