

1. Create an assert statement that throws an AssertionError if the variable spam is a negative integer.
2. Write an assert statement that triggers an AssertionError if the variables eggs and bacon contain strings that are the same as each other, even if their cases are different (that is, 'hello' and 'hello' are considered the same, and 'goodbye' and 'GOODbye' are also considered the same).
3. Create an assert statement that throws an AssertionError every time.
4. What are the two lines that must be present in your software in order to call logging.debug()?
5. What are the two lines that your program must have in order to have logging.debug() send a logging message to a file named programLog.txt?
6. What are the five levels of logging?
7. What line of code would you add to your software to disable all logging messages?
8. Why is using logging messages better than using print() to display the same message?
9. What are the differences between the Step Over, Step In, and Step Out buttons in the debugger?
10. After you click Continue, when will the debugger stop ?
11. What is the concept of a breakpoint?