1. assert spam >0

2. Either assert eggs.lower() != bacon.lower() 'The eggs and bacon variables are the same!' or assert eggs.upper() != bacon.upper(), 'The eggs and bacon variables are the same!'

3.assert False, 'This assertion always triggers.'

4. To be able to call logging.debug(), you must have these two lines at the start of your program:

import logging logging.basicConfig(level=logging.DEBUG, format=' %(asctime)s - %(levelname)s - %(message)s')

5. logging.basicConfig(filename='programLog.txt', level=logging.DEBUG, format=' %(asctime)s - %(levelname)s - %(message)s')

6. DEBUG, INFO, WARNING, ERROR, and CRITICAL

7. logging.disable(logging.CRITICAL)

8. - Capturing each and every instance of the programming

- to create BI dashboard

- helps other people to debug the code

9. Step into: go inside the function.

Step over: moves to next line. It does not go inside the function. It goes line by line.

Step out: you want to go outside the function.

10. After you click Continue, the debugger will stop when it has reached the end of the program or a line with a breakpoint.

11. A breakpoint is a setting on a line of code that causes the debugger to pause when the program execution reaches the line.