Pre-assessment for Unit 10: Debugging

1. *Which of the following is the process of trying to find an error in a program?*

    a. *Coding*

    b. *Programming*

    c. ***Debugging***

    d. *Testing*

2. *Code that tries to get the 3rd element in a list that contains only 2 elements is an example*

    of what type of error?

    a. *Build error*

    b. ***Runtime error***

    c. *Data error*

    d. *Design error*

3. *Which of the following is a line by line comparison of what has changed in a program's*

    code?

    a. *A log file*

    b. *A breakpoint*

    c. *A stack trace*

    d. ***A diff***

4. Consider the following scenario. You have a program that correctly adds two numbers

    and you want to modify it to multiply the numbers. After making changes, the program is

    not outputting the correct answers. Where is the problem likely occurring?

    a. The input

    b. The existing code

    c. The modified code

    d. The output

5. *List 2 questions you could ask to better understand the error that is occuring in a program.*