1. https://www.cs.umd.edu/~srhuang/teaching/cmsc212/gdb-tutorial-handout.pdf
https://www.tutorialspoint.com/gnu_debugger/index.htm
http://cseweb.ucsd.edu/classes/fa09/cse141/tutorial_gcc_gdb.html

TPS activity 2:
1 Gcc punishment.c -o punish
2 Lldb ./punish
3 Run ./punish
4 Break points stop your program at the specified location. (lldb) breakpoint set --file punishment.c --line 21.
5 (lldb) thread step-**in**   // The same **as** gdb's "step" or "s"
(lldb) thread step-over // The same **as** gdb's "next" or "n"
(lldb) thread step-out   // The same **as** gdb's "finish" or "f"

6 using the command print "variableName" but the variable must be within scope

7 by using the command step-out

8 quit

TPS 3

1 4 variables, 2 pointers named px and py.

2 x, y, and arr[0] should all be 0 since they havent been defined. It turns out x and arr[0] are 0 but y is 1 i don't know why.

3 by declaring and defining the variables with a value.

4x address is 0x7ffeef60db28 y is 0x7ffeef60db24 arr[0] is 0x7ffeef60db30

5 px=&x;

py=&y;

printf("%p ", px);

printf("%p ", py);

Assignment 1 (Individual)
1 Sum should be a pointer to double, and with that scanf'ing input should be &input

Assignment 2 (individual)
1 yes the output is as expected HELLO!hello!
2 not as expected, giving the previous line as well.
3 not as expected, the problem is the lengths of the strings are too long.

Assignment 3 (individual)