1 TPS Activity 2

1) gcc -g -o execName sourcename.c

2) lldb execName

3) Shortcut "r"

4) Lets you stop the flow of exection at a particular line. In lldb use "b source-file.c:linenumber"

5) Using shortcut "n"

6) Using "p VARIABLENAME"

7) Using "continue"

8) Using "exit"

2 TPS Activity 3

1) 4

2) x, y, and arr[0] have all been declared, but not initialized. Most likely there might be something stored at the memory allocated for these variables.

3) By initializing the variables.

8) Yes because they are both pointing to the same address in memory

3 Assignment 1

1) 4

2) Line 15, scanf() is given an incorrect parameter. scanf() needs the variable input address. E.g scanf("%d", &input)

3) The function read_values() is not manipulating the variable sum defined in main.

4) We can pass in sums address to the function, so a pointer within this function can manipulate sums value.

4 Assignment 2

We need to allocate enough memory in str1 to be able to concate both strings without truncating any values.