

1 TPS Activity 2

- 1) gcc -g -o execName sourcename.c
- 2) lldb execName
- 3) Shortcut "r"
- 4) Lets you stop the flow of execution 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 manipulation 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 concatenate both strings without truncating any values.