
**Course Name**: Comp Arch LAb_____

**Course Number and Section**: **14:332:xxx:xx**

**Experiment**: [Experiment # [2] – Introduction to C Programming Language]

**Lab Instructor**:Mengmei Ye

**Date Performed**:September 28 2018

**Date Submitted**: October 12 2018

**Submitted by**: [Erika Jean-Pierre - 169008322]

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**! Important: Please include this page in your report if the submission is a paper submission. For electronic submission (email or Sakai) please omit this page.**

----------For Lab Instructor Use ONLY----------

GRADE: _____

COMMENTS:

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ECE Lab Report Structure

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Comp Arch Lab 2

Excercise 1

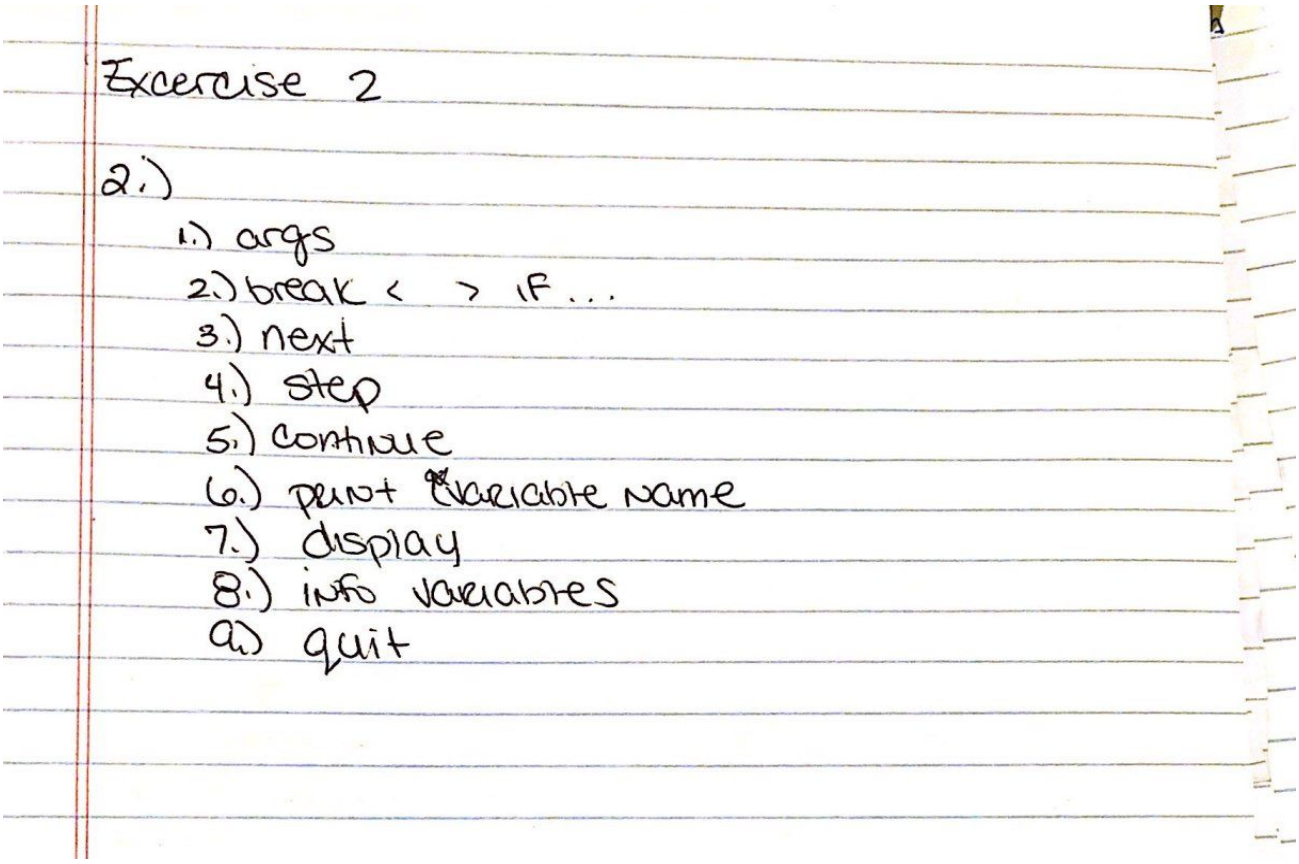
1.) I had to change all 4 values in order to get the desired output. I changed
V0 → 3
V1 → 3
V2 → 1
V3 → 3

2.) The minimum number of distinct values is one however to get the output specified I had to change 4.

3.) The -o flag is used to specify the name of the executable file that gcc creates

Excercise 2

1.) You can set a breakpoint by typing 'breakpoint *<x>', where x is the place / line number where you want to set your breakpoint.


Excercise 2
2.)
1.) args
2.) break < > IF...
3.) next
4.) step
5.) continue
6.) print variable name
7.) display
8.) info variables
9.) quit

Excercise 3

1.) The problem with the code was on the line with

while (a!=NULL)

With this the code was only checking to see when a was NULL, but not when b was NULL. To fix this we added to the line to make it look like this!

* while(a!=NULL && b!=NULL){

Now the program will check to see if both a and b is equal to NULL

Excercise 4

i.) A way to run CGDB to completion on the executable is to use input redirection, which causes the operating system to use an input from the file instead of the user via keyboard.

Exercise 5r