

TITLE

Lab 1 Report

LAB #2

SECTION #7

FULL NAME:

Gabriel Kiveu

SUBMISSION DATE:

1/24/23

DATE

1/24/23

Problem

Create the file structure for the lab to get familiar with the UNIX-like environment for the labs and create and run a basic program

Analysis

The problem states that we need to output basic programs

Design

Our problem was to create a simple program designed to perform statistical operations. Subdividing the problem into a series of steps, our lab team decided on the following initial algorithm:

Create the file structure for the lab

Get familiar with the UNIX-like environment for the labs

Create and run a basic program

Testing

I use the compiler Cygwin to compile code I use the files and gave an output

Comments

Lab was a bit difficult, but I am going to practice more on my code in order to gain some more familiarity in the C language

Screen Shots

```
1  /* SE 185: Lab 01 - Getting to Know the 185 Environment */
2  /*
3   * Name:
4   * Section:
5   * NetID:
6   * Date:
7   */
8
9
10 /*
11  * Here is a block comment.
12  * These lines don't run when you compile or run the code.
13  * I.e., they're the machine doesn't see them, only you.
14  */
15
16 /*----- Includes -----*/
17
18 #include <stdio.h>
19
20 /*----- Implementation -----*/
21
22
23 int main(int argc, char *argv[])
24 {
25     // This is a C comment, this line doesn't run in the program
26
27     printf("Hello, my name is Gabriel Kiveu"); // Modify this line
28     printf(" Today is Thursday\n"); // This prints a newline character
29
30     return 0; // This is a return statement
31 }
32
```

```
$ gcc lab01-1.c -o lab01-1
$ ./lab01-1
Hello, my name is Gabriel Kiveu Today is Thursday
$ ./lab01-output
9364558540
$ ./lab01-input
Value before input: 0
Type a number: 45
Type your NetID:
9364558540
936455409iastate.edu your ISO_email is
9364558540@iastate.edu
$
```

```
NETID.txt - Notepad
File Edit Format View Help
Value before input: 0
Type a number: Type your NetID:
Your input was 9800 and your ISO_email is 9364558540@iastate.edu
```