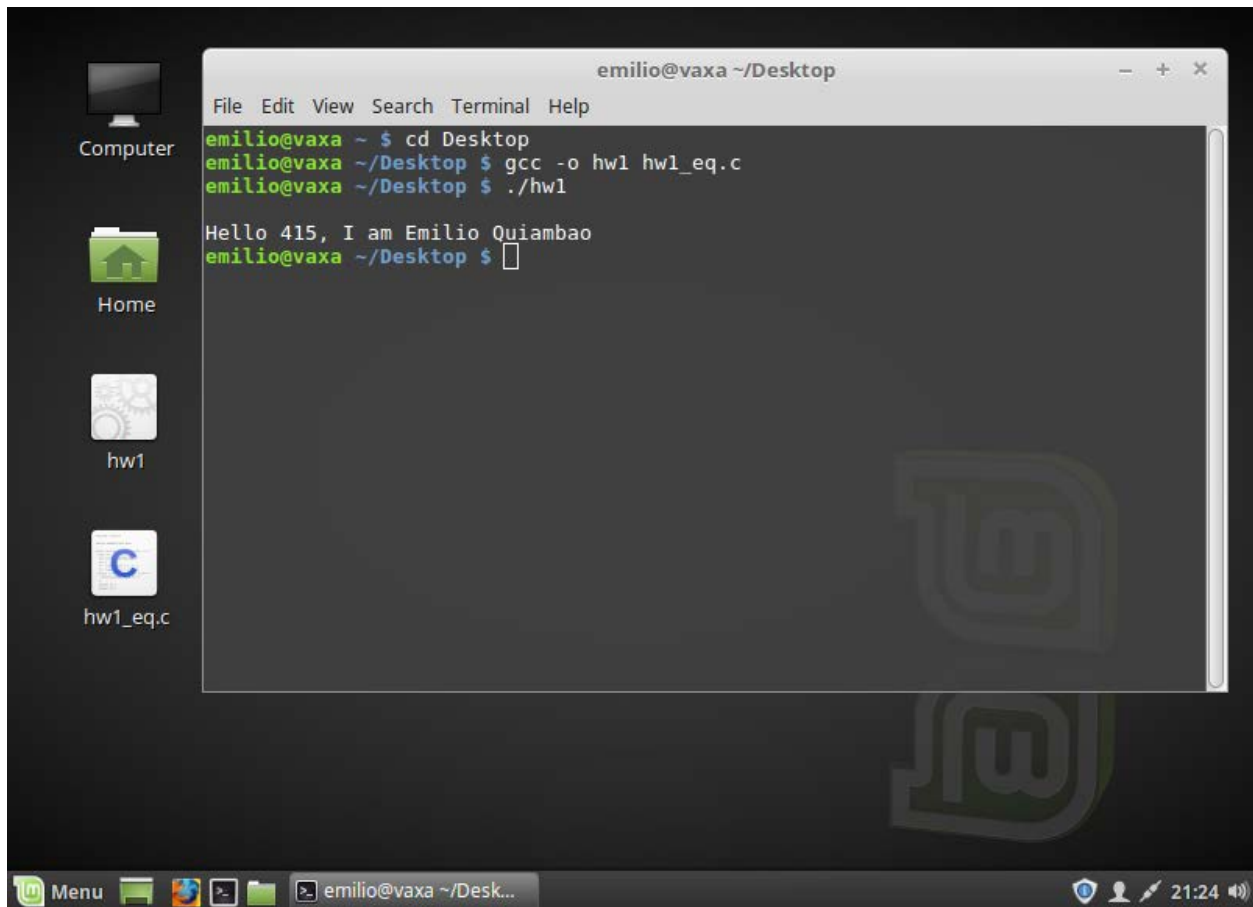


Homework 1

Overview

This is a simple program in C implemented in the POSIX API on Linux. The program prints a string on the command line with my name which is a stored value in a “#DEFINE” constant as ‘myName’. I used VirtualBox to run Linux OS on my Windows desktop. The following is a screenshot of the command line output.



The screenshot shows a Linux desktop environment. On the left sidebar, there are icons for 'Computer', 'Home', 'hw1', and 'hw1_eq.c'. The 'hw1' icon is a folder, and 'hw1_eq.c' is a C source file icon. The main area displays a terminal window titled 'emilio@vaxa ~/Desktop'. The terminal has a menu bar with 'File', 'Edit', 'View', 'Search', 'Terminal', and 'Help'. The command history in the terminal is as follows:

```
emilio@vaxa ~ $ cd Desktop
emilio@vaxa ~/Desktop $ gcc -o hw1 hw1_eq.c
emilio@vaxa ~/Desktop $ ./hw1
```

The output of the program is:

```
Hello 415, I am Emilio Quiambao
```

The terminal prompt is now 'emilio@vaxa ~/Desktop \$' with a cursor. The desktop background features a large, faint watermark of a stylized 'W' logo. The bottom panel shows a 'Menu' button, application icons, and a system tray with a clock showing '21:24'.