Operating Systems

Programming Assignment 0

Using the system to compile, run and submit.

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Report

This report approaches how to use the Turing machine. First of all, it was used the command *ssh username@turing.uark.edu* in the Terminal to access the Turing machine. The following bash commands were used:

a. ls – Lists the files existents in the directory.
b. cd – Change the directory.
c. mkdir – Create a new directory.

Moreover, Filezilla, a FTP program, was used to upload the *example.c* file to the specific folder in Turing machine. The file was compiled using the following command: *gcc –Wall example.c.* A a.out executable file was generated and executed. The example.c program shows in the screen the arguments typed when the program was called. For example, if ./a.out Tarcisio is typed, the program prints in the screen:

Hello, World!
The value of argc (number of command line arguments) is 2
argv[0] = ./a.out
argv[1] = Tarcisio

Finally, the command *submit csce3613 wingninggrader assign0* was used. Therefore, this practice helps to understand how to use the Turing machine to compile, run and submit the code.