Lab 2: Basic Linux Commands
CSE 2100-001

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1 Objective

Develop a further understanding of the Linux Console, including file system manipulation, package management (apt-get), etc.

1.1 Definitions

ls Replace this text with a brief description of the term (1-2 sentences).

pwd Replace this text with a brief description of the term (1-2 sentences).

root directory Replace this text with a brief description of the term (1-2 sentences).

apt-get install Replace this text with a brief description of the term (1-2 sentences).

apt-get remove Replace this text with a brief description of the term (1-2 sentences).

mkdir Replace this text with a brief description of the term (1-2 sentences).

sh Replace this text with a brief description of the term (1-2 sentences).

uname Replace this text with a brief description of the term (1-2 sentences).

cd Replace this text with a brief description of the term (1-2 sentences).

df Replace this text with a brief description of the term (1-2 sentences).

2 Question 1

When connected to the UTA Web Login WiFi hotspot, what IP address is assigned to your Pi?

Replace this text with your response.

3 Question 2

What are the MAC addresses of the eth0 and wlan0 network interfaces on your Pi
Hint: MAC addresses are listed as HWaddr in ifconfig

Replace this text with your response.

4 Question 3

Suppose we want to install a Linux program from a repository using "apt-get install". What command should we run first, and why?
Replace this text with your response.

5 Question 4

Write a script that will successfully compile AND execute the "Hello World" example found in the class source code repository. Your script must execute successfully when the command "sh testscript.sh" is run from your home directory.
Replace this text with the contents of your script.