

Lab 1: Initial Raspbian Setup

CSE 2100-001

Ellen Ripley

September 14, 2016

Date Performed: September 7, 2016
Partners: Ellen Ripley
John Connor

1 Objective

Complete the initial setup of the Raspberry Pi 3 board (flashing of SD card, Raspbian OS installation, environment setup, and basic usage of the Linux console).

1.1 Definitions

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

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

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

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

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

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

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

2 Question 1

What version of the Linux kernel is running on your Pi?

Hint: run the console command "uname -r"

Replace this text with your response.

3 Question 2

What release version of Debian Linux is your OS built on?

Hint: install the "lsb-release" package using apt-get and then run the console command "lsb_release -irc"

Replace this text with your response.

4 Question 3

How many blocks of memory are available in your root file system?

Hint: run the console command "df"

Replace this text with your response.