**RASPBERRY PI COMMANDS**

**Commands for setting up the camera**

sudo raspi-config=opens up a menu for setting up the camera module

Go to “Interfacing Options”->Pi camera->Enable(might need to reboot the system)

Open Nano text editor

**Importing packages**

from picamera import PiCamera (picamera package provides a Python interface to the camera module)

from datetime import datetime (to import the date and time package)

from time import sleep (to suspend the execution of other threads)

from gpiozero import Button

**Creating objects**

camera = PiCamera()

button=Button(pin)

now=datetime.now()

**To capture images**

camera.capture(‘imagename.jpg)

**To capture image when button is pressed**

button.when\_pressed = camera.capture(‘imagename.jpg’)

**To flip image**

camera.vflip=True

**IMPORTANT CLI COMMANDS**

cd= change directory

pwd=to display the current directory

ls=list all files within a directory

ls -l =gives detailed information about the files within a directory

mkdir=make a directory

nano=to open GNU Nano text editor

rm file\_name=to delete a file

rm -r directory\_name=to delete a directory