Update Linux:

sudo apt-get update

sudo apt-get upgrade

Install Kismet:

wget -O - https://www.kismetwireless.net/repos/kismet-release.gpg.key | sudo apt-key add -

echo "deb https://www.kismetwireless.net/repos/apt/release/$(lsb_release -cs) $(lsb_release -cs) main" | sudo tee /etc/apt/sources.list.d/kismet.list

sudo apt-get update

sudo apt-get install kismet

Add the pi user to the kismet group:

sudo usermod -aG kismet pi

sudo reboot

groups **###(check to verify that the pi user is added to the kismet group)**

Add sources to kismet config file:

sudo nano /etc/kismet/kismet_site.conf

###Add in the next three lines (or modify if needed)

source=wlan0

source=wlan1

source=hci0

Create logging directory:

mkdir /home/pi/kismet_logs

Change default logging directory in kismet:

sudo nano /etc/kismet/kismet_logging.conf

###Modify the log_prefix entry to this to write the logs to the appropriate place

log_prefix=/home/pi/kismet_logs/

###Now Let's Make the GUi autostart

sudo nano /etc/xdg/autostart/display.desktop

###Add in the next three lines

[Desktop Entry]

Name=cyt_gui

Exec=/home/pi/Desktop/cyt_gui.sh

Enable monitor mode on our wifi card and start kismet at boot:

crontab -e

###Add in the next two lines

@reboot sleep 30 && /home/pi/Desktop/cyt/wlan1_to_mon.sh &

@reboot sleep 60 && /usr/bin/kismet &