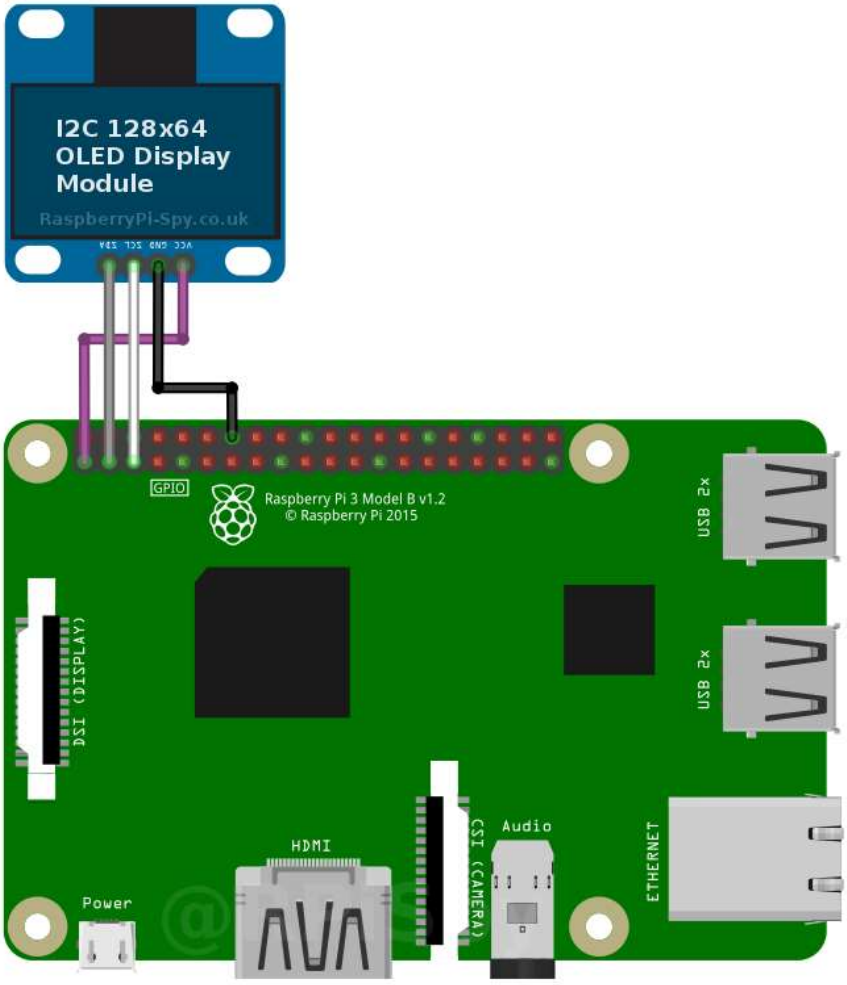
Install OLED Screen SH1106

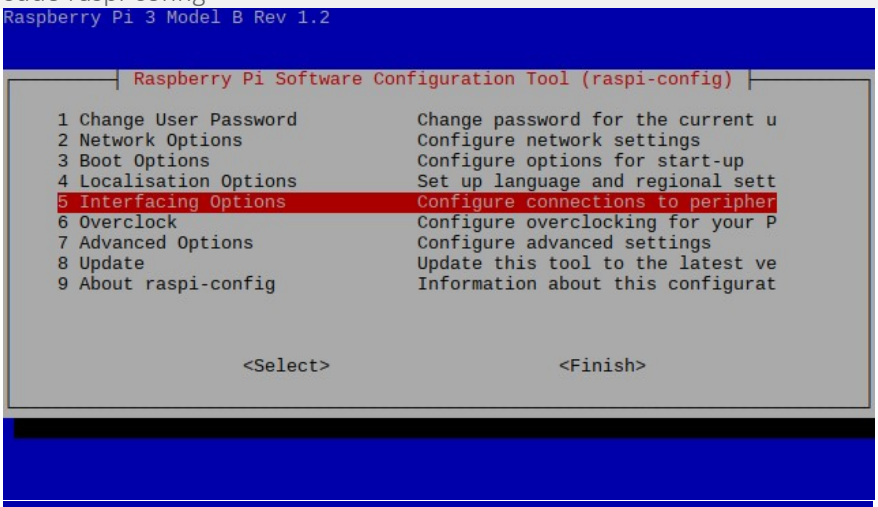
Connecting the display

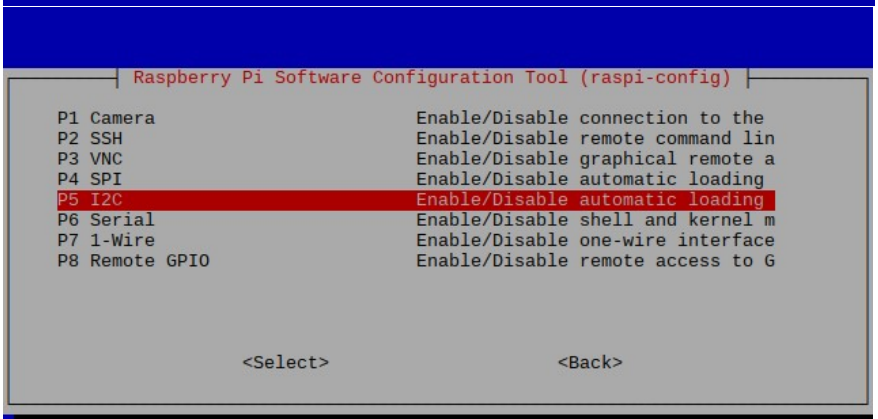


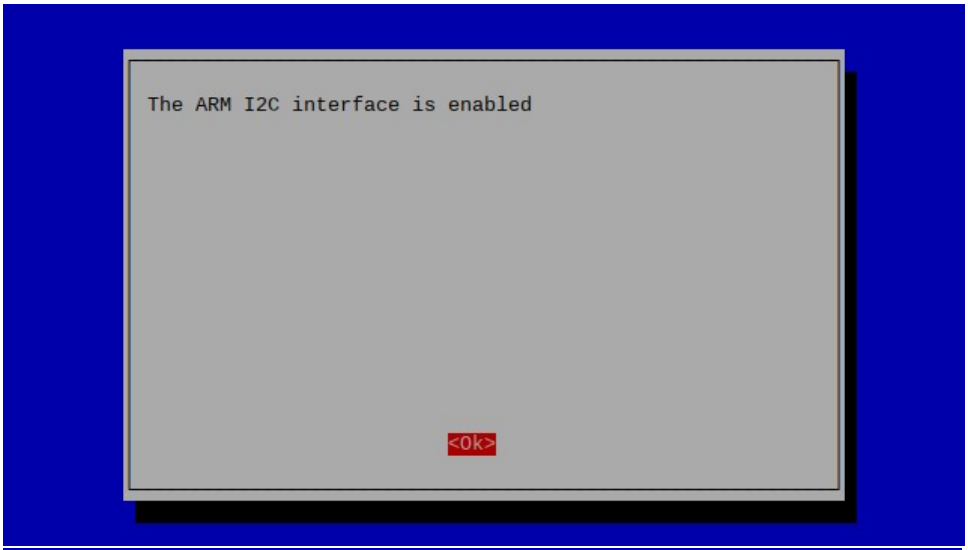
For the Pi4 its the same wiring!

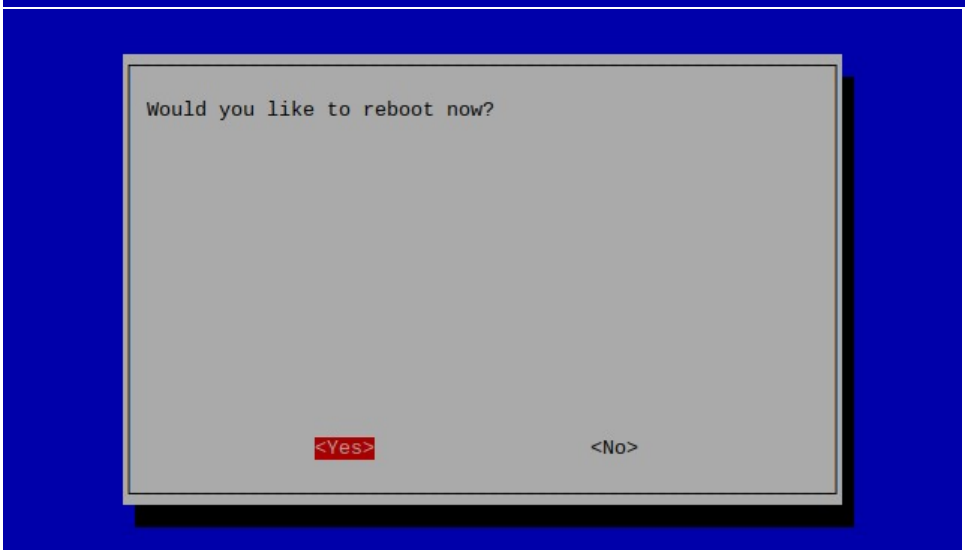
Enable I2C Interface

```
sudo raspi-config
```









Installing the dependencies

```
sudo apt update
sudo apt upgrade

sudo apt-get install -y python3 python3-dev python-smbus i2c-tools python3-pil python3-pip python3-setuptools python3-rpi.gpio libjpeg-dev zlib1g-dev libfreetype6-dev liblcms2-dev libopenjp2-7 libtiff5 git python3-gpiozero python3-imaging
sudo -H pip3 install luma.oled
sudo usermod -a -G spi,gpio,i2c pi
```

Downloading the fonts/scripts

```
sudo mkdir /stats
cd /stats

sudo wget https://github.com/freddy2312/SH1106-PiHole-Statistics/blob/main/Raspi-Schrift.ttf?raw=true
```

```
sudo wget https://github.com/freddy2312/SH1106-PiHole-Statistics/blob/main/VCR_OSD_MONO_1.001.ttf?raw=true

sudo wget https://raw.githubusercontent.com/freddy2312/SH1106-PiHole-Statistics/main/stats.py

sudo wget https://raw.githubusercontent.com/freddy2312/SH1106-PiHole-Statistics/main/launcher.sh

sudo chmod 766 /stats/*
```

Make it run at startup

```
sudo crontab –e

Add at the bottom:
@reboot /stats/launcher.sh > /stats/launcher.log 2>&1
```