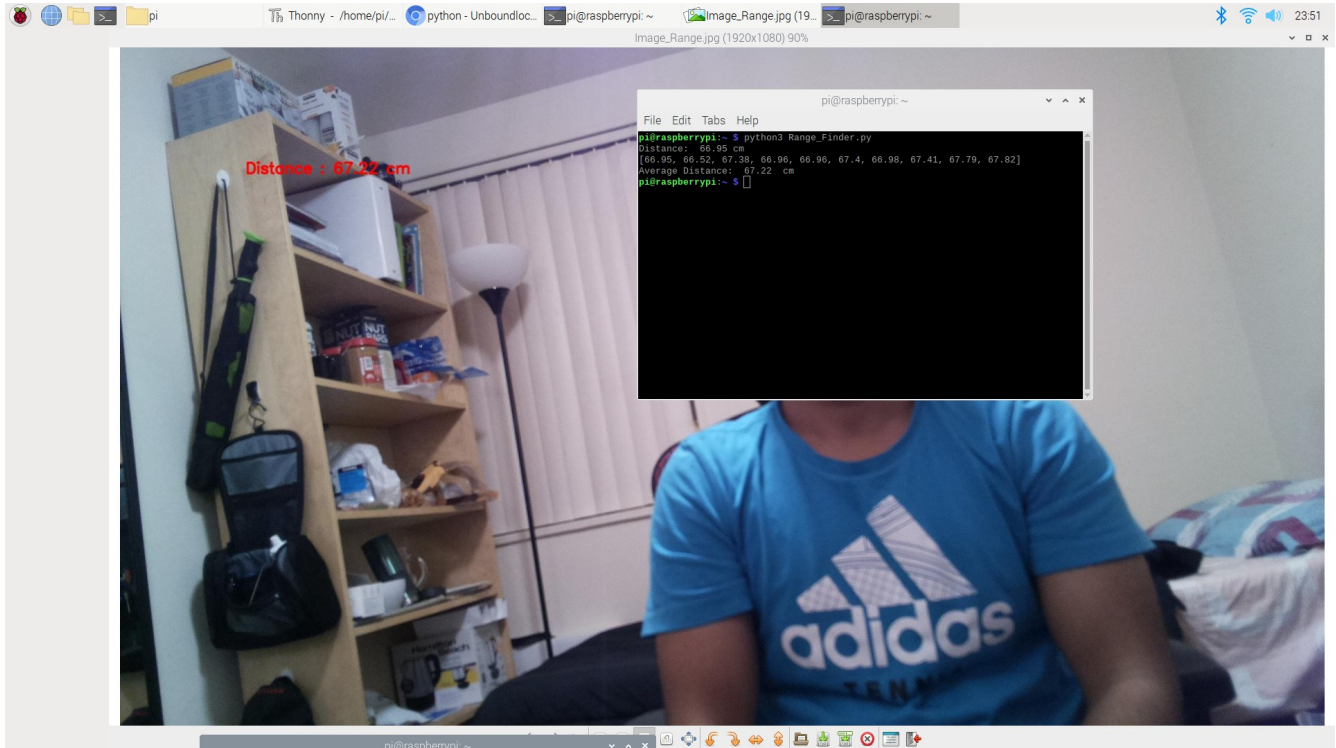# Home Work -4

Q1: The folder got created on Raspi to save pictures and videos.
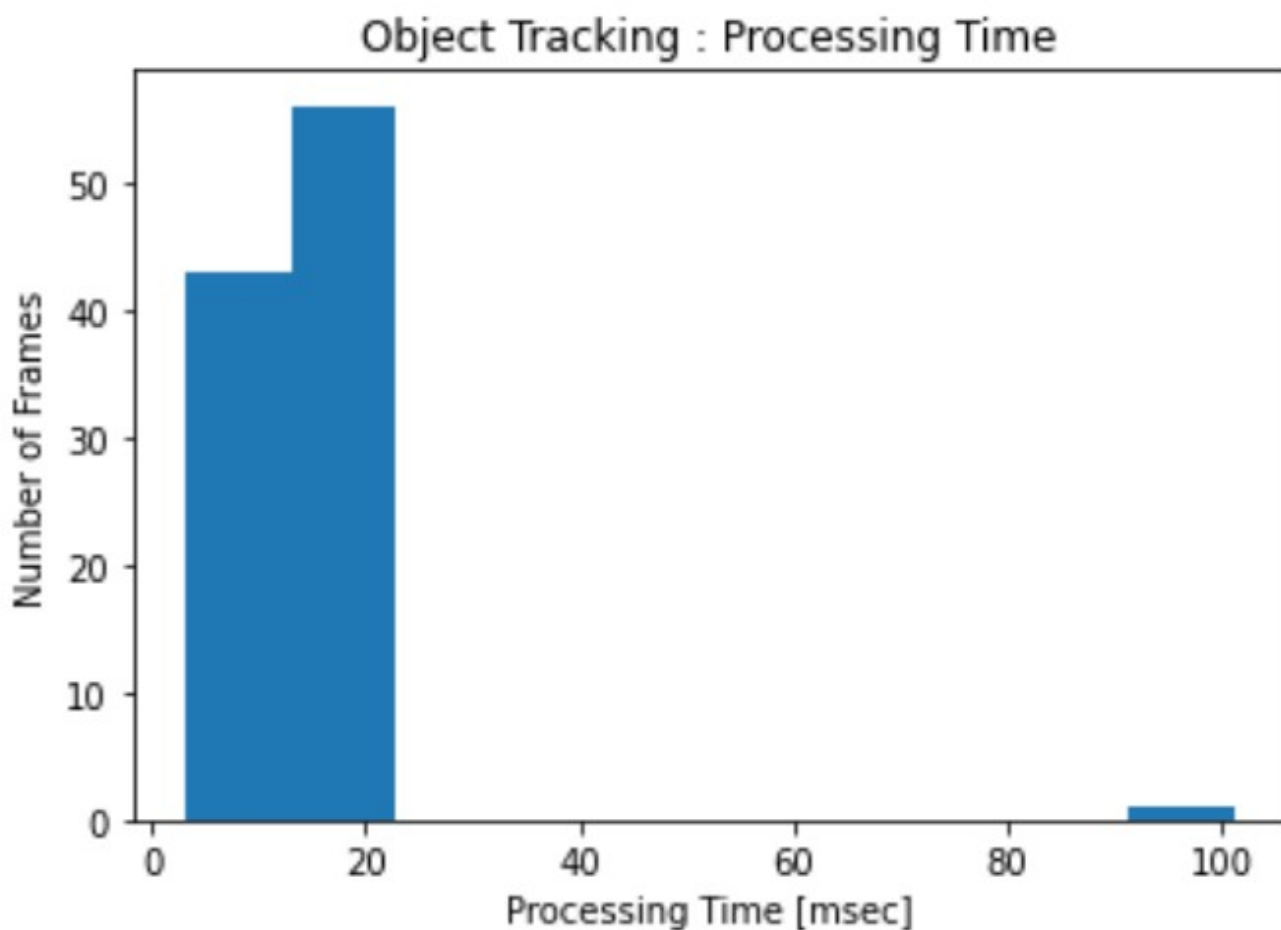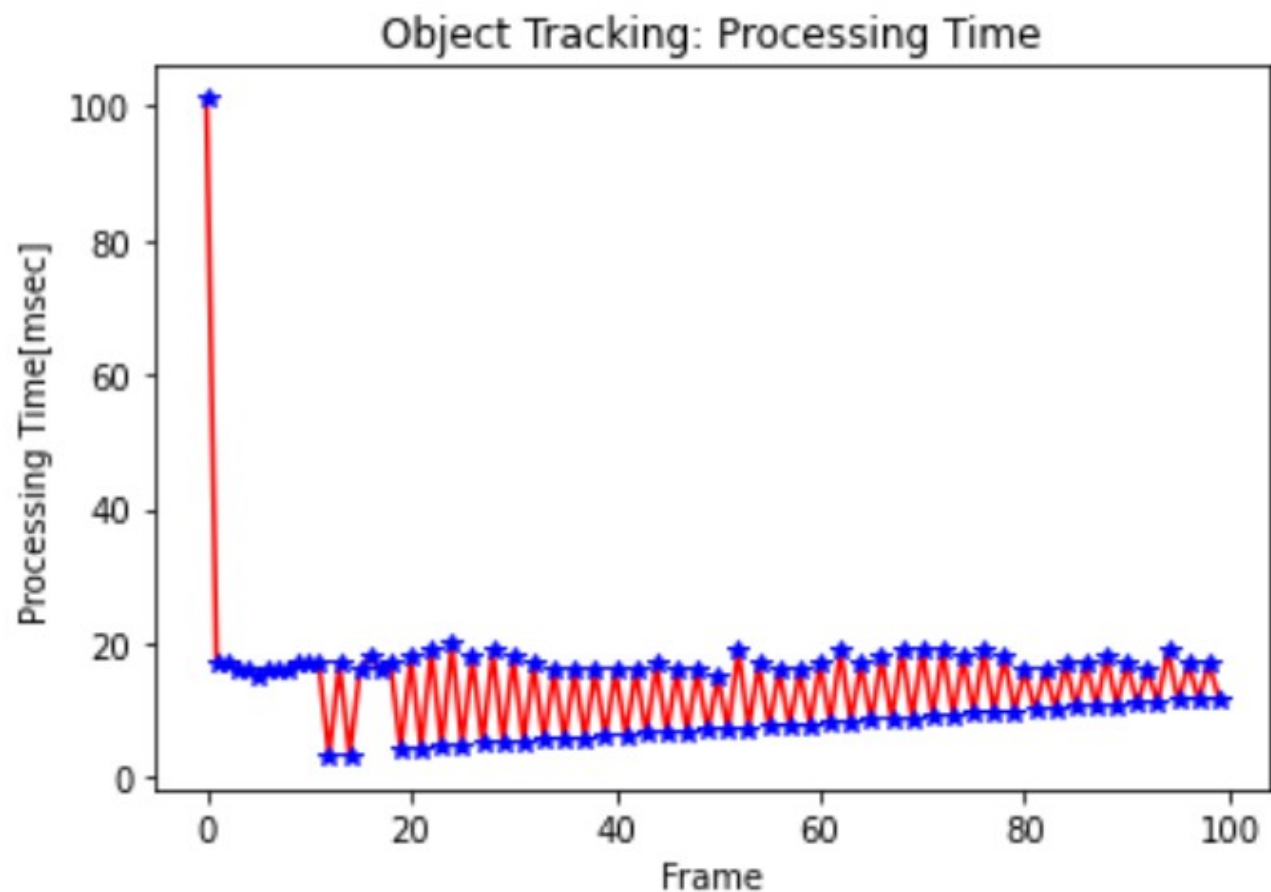
Q2:

Q3:

 The video link for the video of arrow orientation detection can be seen here.

The plots obtained are as follows:

Object Tracking: Processing Time

Object Tracking : Processing Time

Limitations of Raspberry Pi:

1.)The main problem faced is because of Lighting during the video capture. As the light is being varied the masking values change based on the lighting conditions.

2.)The raspberry pi has very little processing power. Because of which it is really difficult for us to debug any infinite loop statements.

3.) If the object is moved too quickly due to low processing power in the Pi module, corners will not be detected properly.