

Image 1



Image -2-Selfie



Image 3 – Button

```
button.wait_for_press()
for i in range(5):
    sleep(3)
    camera.capture("/home/pi/button{0}.jpg".format(i))
```



Image—4 effects [image misplaced] the code:

```
camera.start_preview(alpha=192)
button.wait_for_press()
camera.image_effect = 'negative'
sleep(5)
camera.capture("/home/pi/downloads/negative.jpg")
camera.stop_preview()
```

Image—5 timelapse [image misplaced] the code:

```
##timelapse.py
from picamera import PiCamera
```

```
from time import sleep

camera = PiCamera()
for num in range(1440):
    sleep(60)
    camera.start_preview(alpha=192)
    camera.capture("/home/pi/downloads/timelapse{0}.jpg".format(num))
    camera.stop_preview()
```

Video.h264 Code : [.h264 video file attached]

```
from picamera import PiCamera
camera = PiCamera()
camera.start_preview(alpha=192)
camera.framerate = 24
camera.start_recording('my_video.h264')
camera.wait_recording(15)
camera.stop_recording()
camera.stop_preview()
```