

Created by Ashwin Pajankar

```
lsusb
```

```
cd ~
```

```
mkdir output
```

```
sudo apt-get install fswebcam -y
```

```
fswebcam -r 1920x1080 --no-banner ~/output/test.png
```

```
crontab -e
```

```
* * * * * /home/pi/code/IoT/Section44/timelapse.sh 2>&1
```

```
cd ~/output
```

```
sudo apt-get install mencoder -y
```

```
ls IMG*.png
```

```
ls IMG*.png > timelapse.txt
```

```
mencoder -nosound -ovc lavc -lavcopts
```

```
vcodec=mpeg4:aspect=16/9:vbitrate=8000000 -vf
```

```
scale=1280:960 -o timelapse.avi -mf type=jpeg:fps=30
```

```
mf://@timelapse.txt
```

```
sudo apt-get install ffmpeg
```

```
ffmpeg -f video4linux2 -r 25 -s 544x288 -i /dev/video0  
test.avi
```