

Lab 5

1)

```
FILEPATH='/sys/class/gpio'
echo 13 > $FILEPATH/unexport 2>/dev/null
echo 10 > $FILEPATH/unexport 2>/dev/null
echo 11 > $FILEPATH/unexport 2>/dev/null
echo 12 > $FILEPATH/unexport 2>/dev/null
echo 0 > $FILEPATH/unexport 2>/dev/null
```

These commands unexport all the files related to to each pin. It take the gpio programs and direction programs and takes them to null, which basically means that they are deleted.

```
echo 13 > $FILEPATH/export
echo 10 > $FILEPATH/export
echo 11 > $FILEPATH/export
echo 12 > $FILEPATH/export
echo 0 > $FILEPATH/export
```

These commands echo the number of port into the directory export, which is a program that will create the gpio directories so that we have a way of accessing each pin relating to each servo motor.

```
echo out > $FILEPATH/gpio13/direction
echo out > $FILEPATH/gpio10/direction
echo out > $FILEPATH/gpio11/direction ls
```

```
echo out > $FILEPATH/gpio12/direction
echo out > $FILEPATH/gpio0/direction
```

These commands take each gpio directory we created and tells it that each port is an output port.