

```
from smilPython import *
import time as tps
from __main__ import *
import os
```

```
imIn=Image(os.path.join(os.getcwd(),"12-phase","12-phase0013.png"))
imOut=Image(imIn)
```

```
im3=Image(imIn) ; im4=Image(imIn) ; im5=Image(imIn) ; im6=Image(imIn) ; im7=Image(imIn) ;
im8=Image(imIn)
im9=Image(imIn) ; im10=Image(imIn) ; im11=Image(imIn) ; im12=Image(imIn) ;
im13=Image(imIn) ; im14=Image(imIn) ; im15=Image(imIn) ; im16=Image(imIn) ;
im17=Image(imIn) ; im18=Image(imIn) ; im19=Image(imIn) ; im20=Image(imIn)
```

```
A=minVal(imIn)
sub(imIn,A,im3)
compare(im3,"<",100,im3,255,im4)
inv(im4,im4)
drawBorder(im4,0)
open(im4,im5,SquSE(1))
close(im5,im5,HexSE(5))
compare(im5,">",0,255,0,im6)
label(im6,im7)
compare(im7,"==",1,255,0,im8)
compare(im7,"==",2,255,0,im9)
```

```
open(im4,im10,HexSE(2))
compare(im10,">",0,255,0,im11)
B=label(im11,im12)
compare(im12,"==",B,255,0,im13)
compare(im12,"==",B-1,255,0,im14)
```

```
imOut=im14+im13+im8+im9
imOut.show()
```