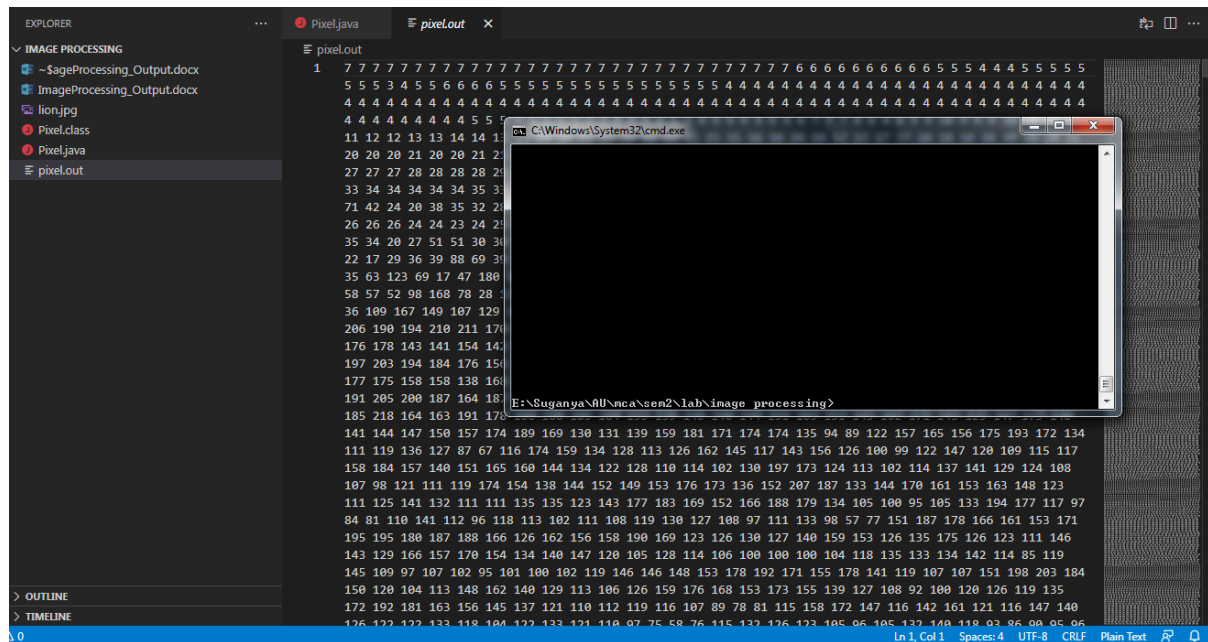


<b>Name</b>	<b>SUGANYA J</b>
<b>Enrollment No</b>	<b>2482100270</b>
<b>Subject</b>	<b>IMAGE PROCESSING LAB</b>
<b>Program Name</b>	<b>MCA</b>
<b>Year/Semester</b>	<b>2021-22 / Semester Two</b>

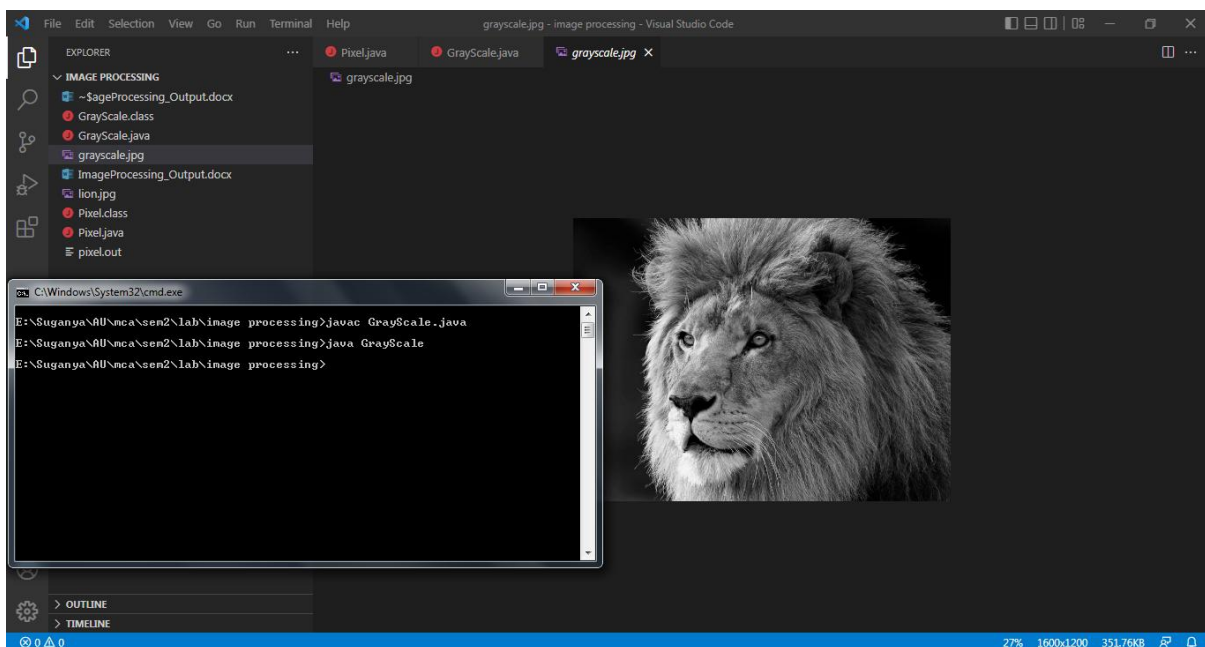
## CONVERT IMAGE INTO INTENSITY VALUE ARRAY

### PROGRAM 1



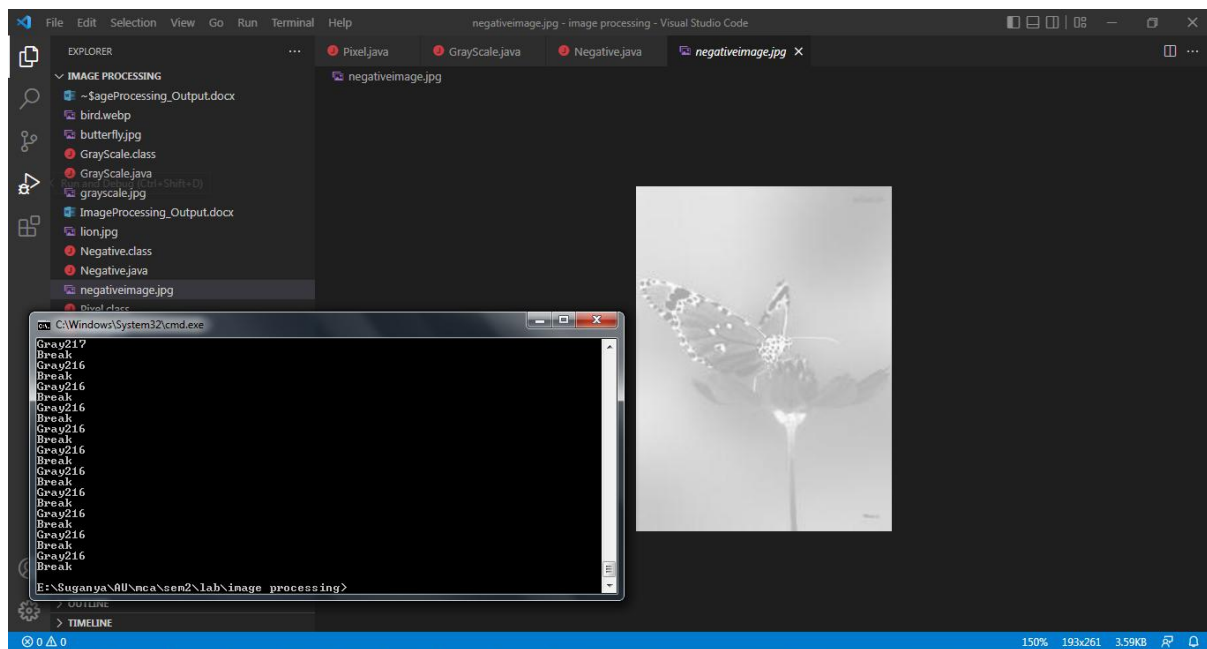
# CONVERT COLOR IMAGE INTO GRAYSCALE IMAGE

## PROGRAM 2



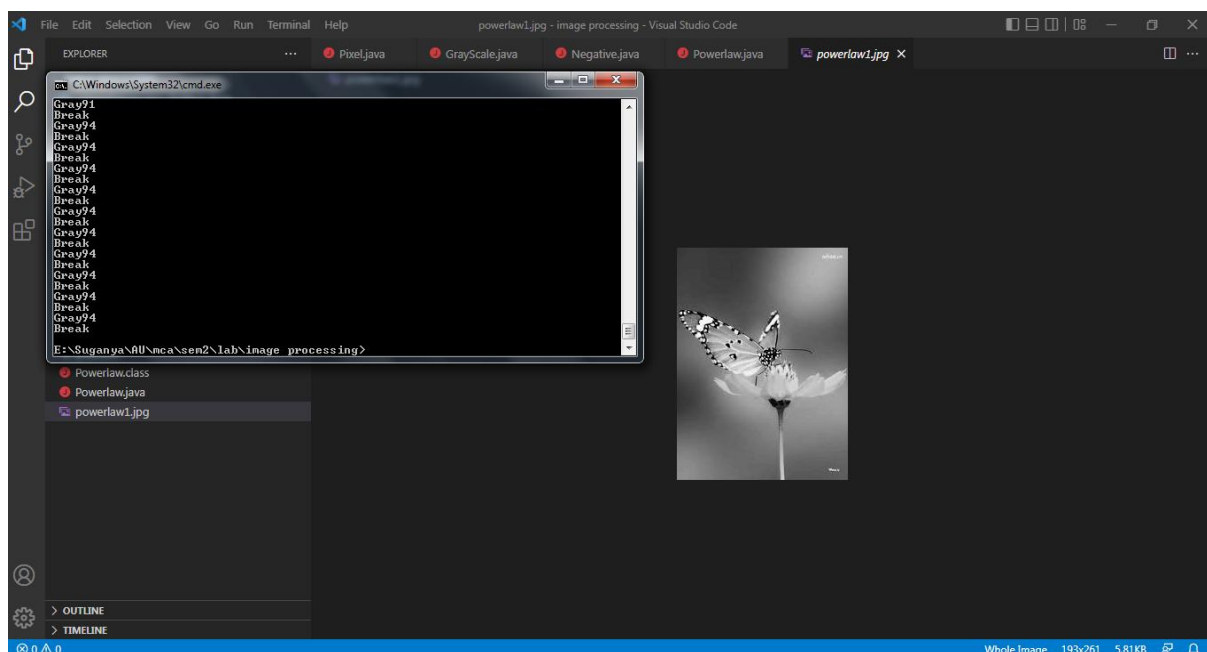
# CONVERT NEGATIVE IMAGE

## PROGRAM 3



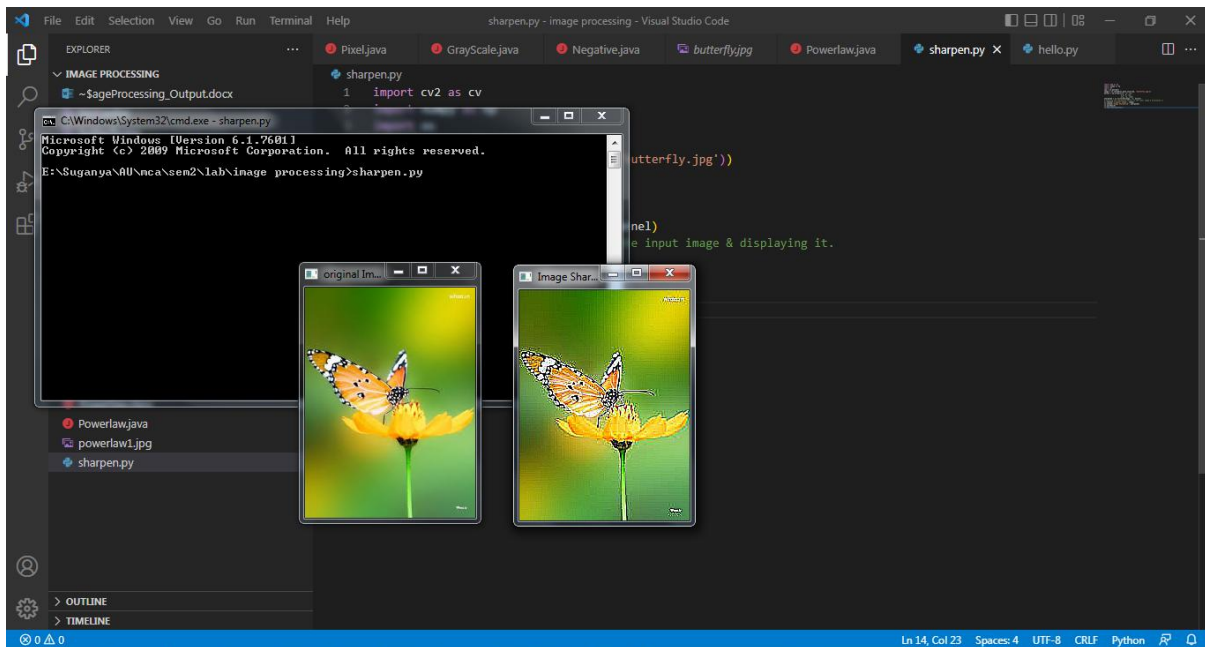
# SMOOTHING OPERATIONS ON AN IMAGE IN SPATIAL DOMAIN

## PROGRAM 4



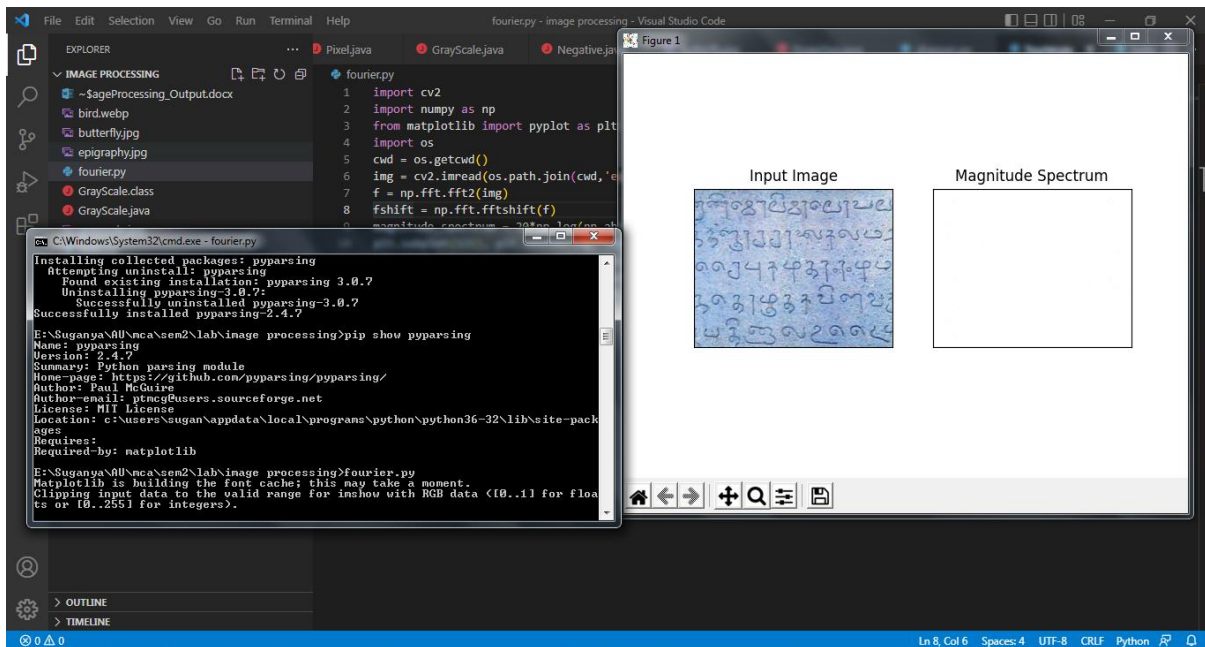
# SHARPENING OPERATIONS ON AN IMAGE IN SPATIAL DOMAIN

## PROGRAM 5



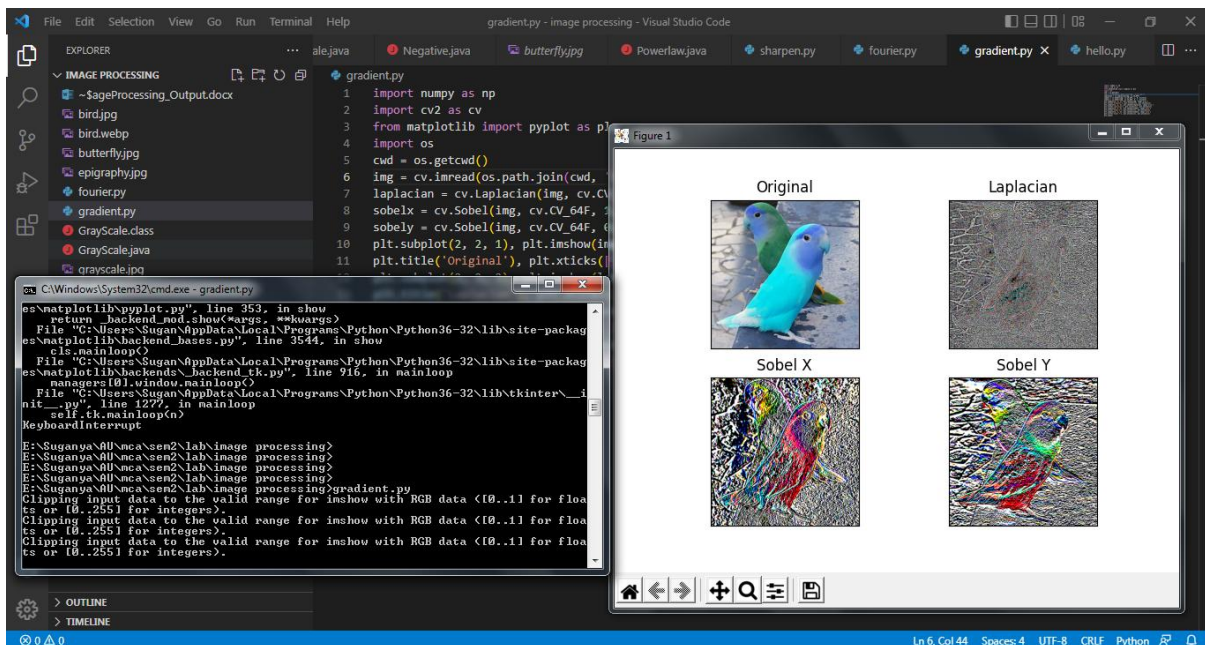
# TRANSFORM THE IMAGE INTO FOURIER TRANSFORM

## PROGRAM 6



# PERFORMANCE OF GRADIENT OPERATIONS

## PROGRAM 7





## PERFORM DCT IMAGE COMPRESSION METHOD

PROGRAM 8

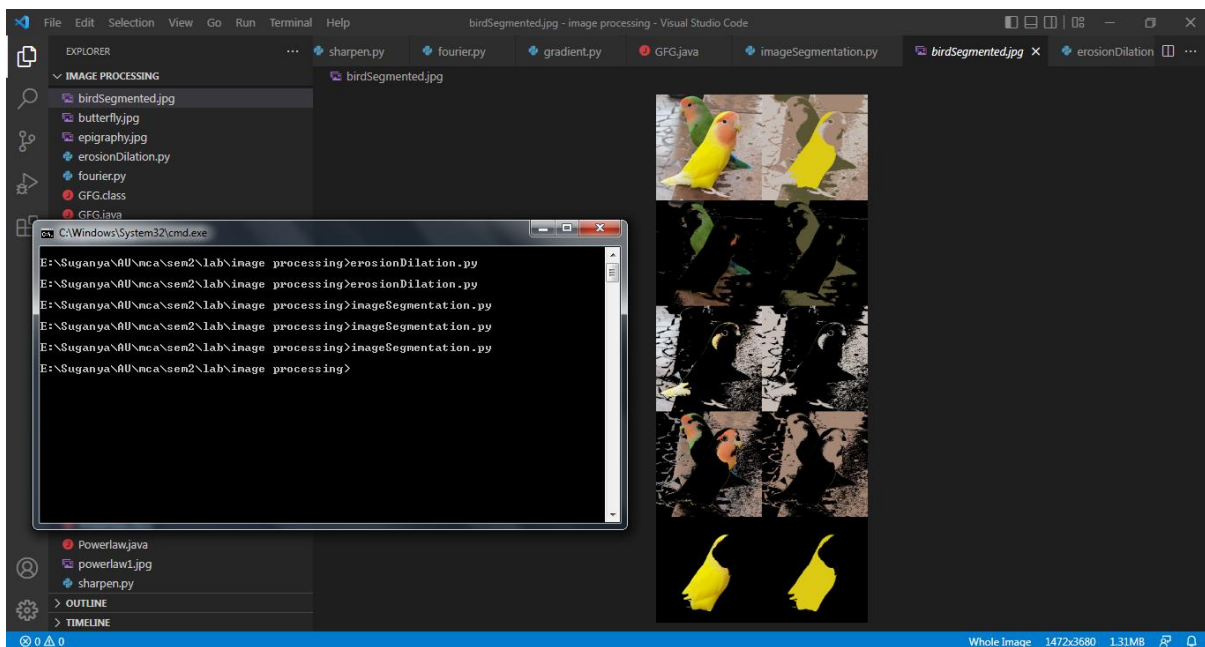
```
C:\Windows\System32\cmd.exe

E:\Suganya\AU\mca\sem2\lab\image processing>javac GFG.java
E:\Suganya\AU\mca\sem2\lab\image processing>java GFG
2040.000000      2883.827559      2885.018570      2883.787965      2885.077186
2883.706628      2885.186887      2883.559983      2883.787965      2885.077186
2882.391875      4076.318350      4076.317668      4076.318373      4076.317635
4076.318420      4076.317572      4076.318504      4076.318373      4076.317635
2883.583466      4078.002164      4078.002860      4078.002141      4078.002894
4078.002094      4078.002958      4078.002008      4078.002141      4078.002894
2882.352269      4076.262375      4076.261657      4076.262399      4076.261622
4076.262448      4076.261555      4076.262537      4076.262399      4076.261622
2883.642102      4078.085032      4078.085784      4078.085007      4078.085821
4078.084955      4078.085891      4078.084862      4078.085007      4078.085821
2882.270903      4076.147386      4076.146586      4076.147412      4076.146546
4076.147467      4076.146472      4076.147565      4076.147412      4076.146546
2883.751844      4078.240120      4078.240985      4078.240092      4078.241027
4078.240033      4078.241107      4078.239926      4078.240092      4078.241027
2882.124203      4075.940068      4075.939118      4075.940099      4075.939071
4075.940164      4075.938984      4075.940281      4075.940099      4075.939071

E:\Suganya\AU\mca\sem2\lab\image processing>
```

# IMAGE SEGMENTATION BASED ON COLOR

## PROGRAM 9



# EROSION AND DILATION OPERATIONS ON IMAGE

## PROGRAM 10

