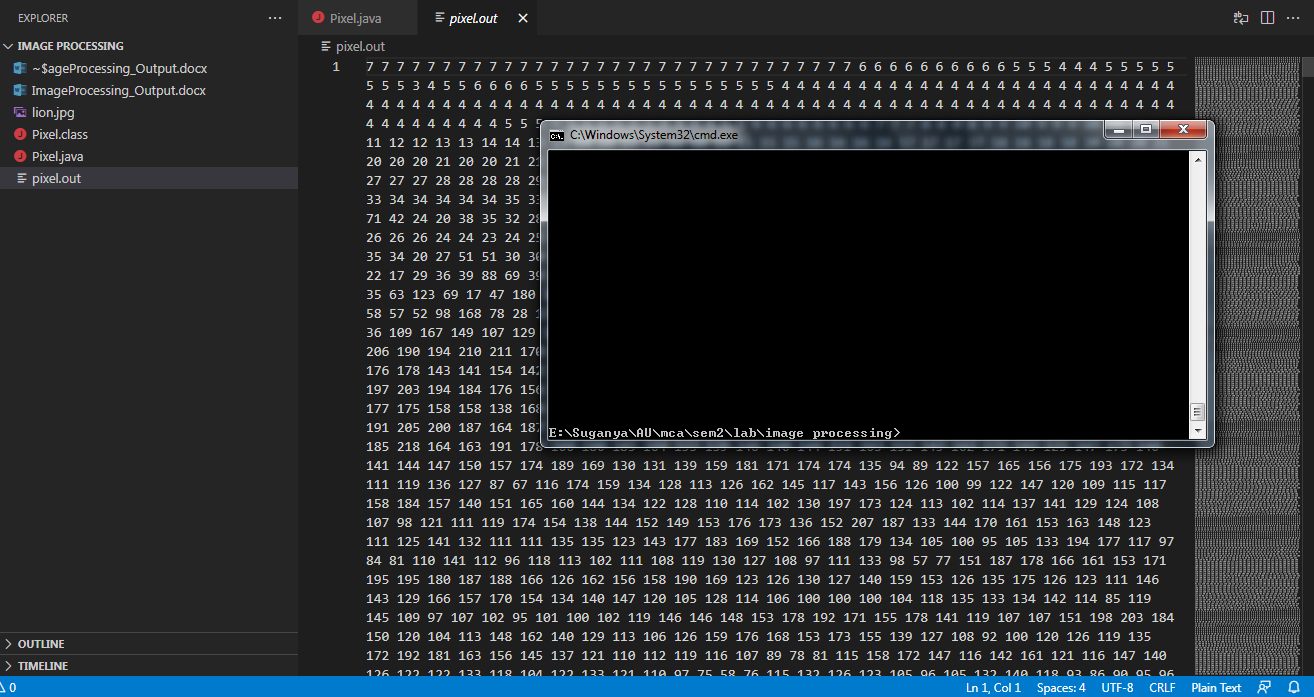
|  |  |
| --- | --- |
| **Name** | **SUGANYA J** |
| **Enrollment No** | **2482100270** |
| **Subject** | **IMAGE PROCESSING LAB** |
| **Program Name** | **MCA** |
| **Year/Semester** | **2021-22 / Semester Two** |

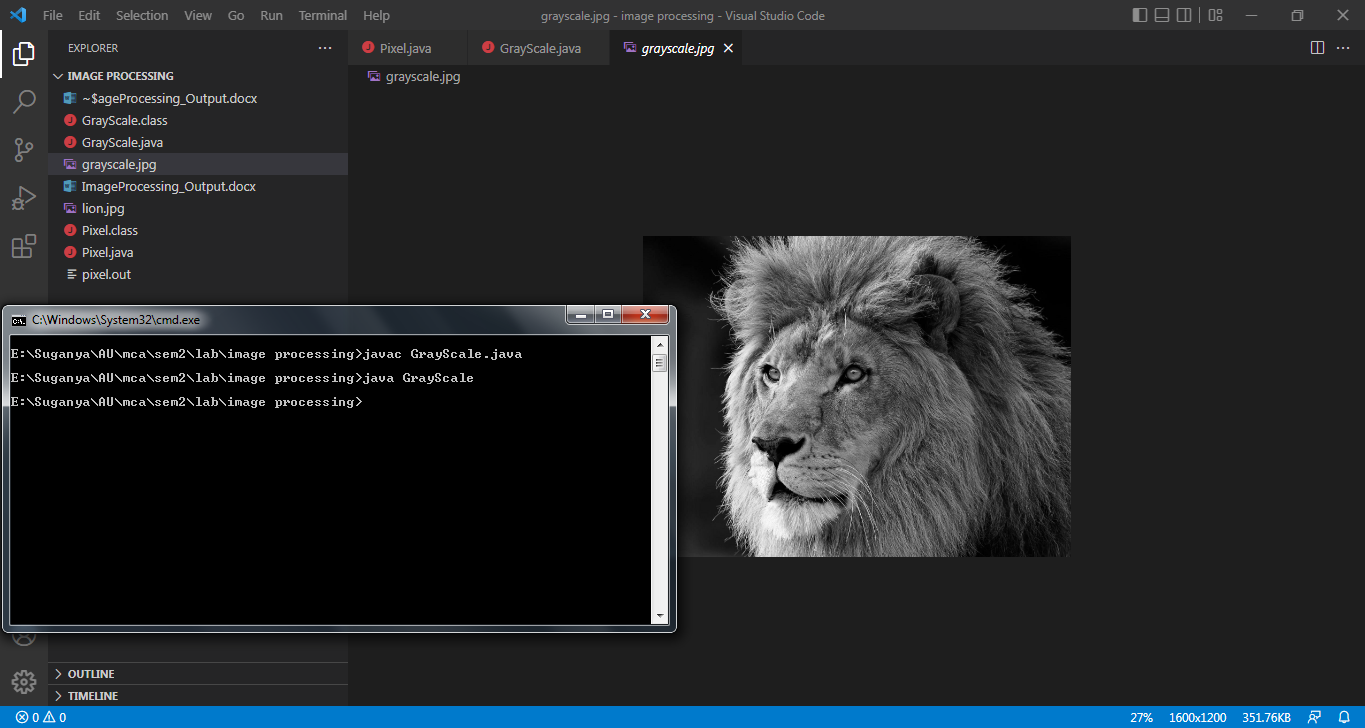
**CONVERT IMAGE INTO INTENSITY VALUE ARRAY**

PROGRAM 1

****

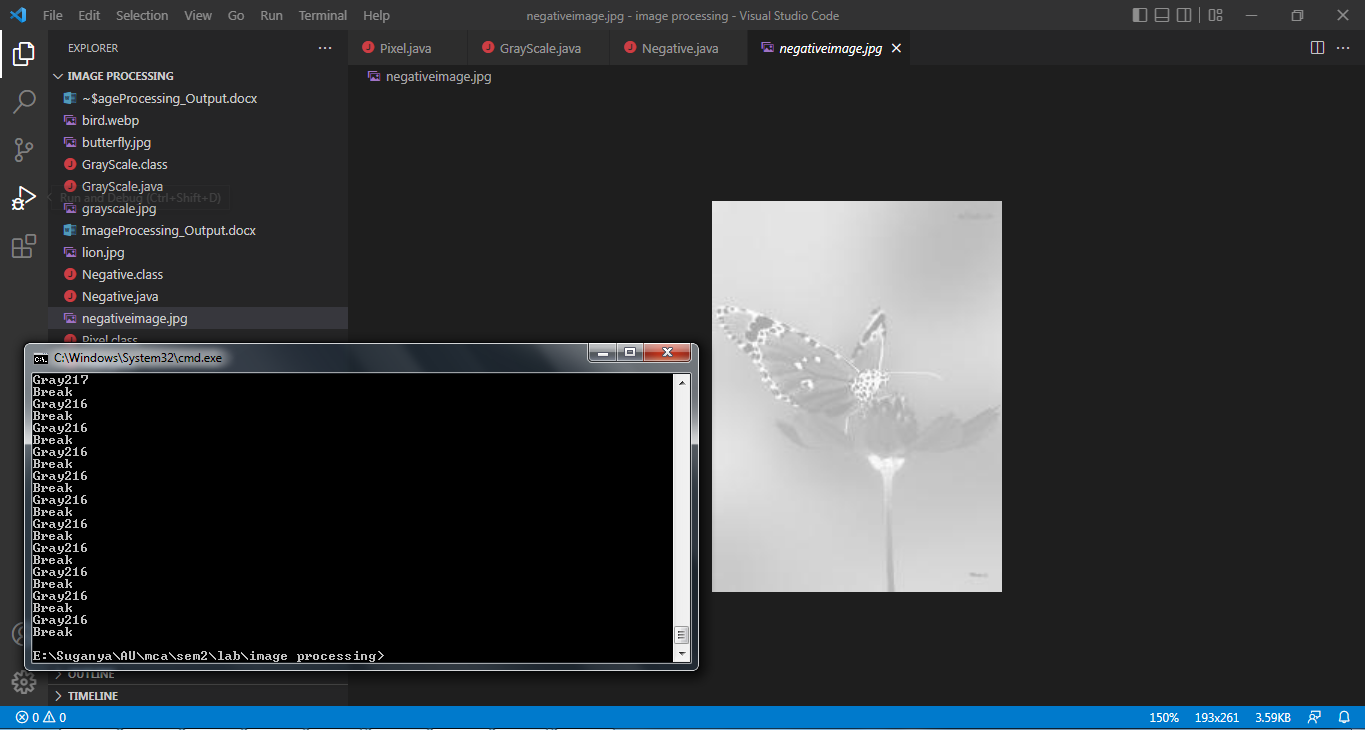
**CONVERT COLOR IMAGE INTO GRAYSCALE IMAGE**

PROGRAM 2



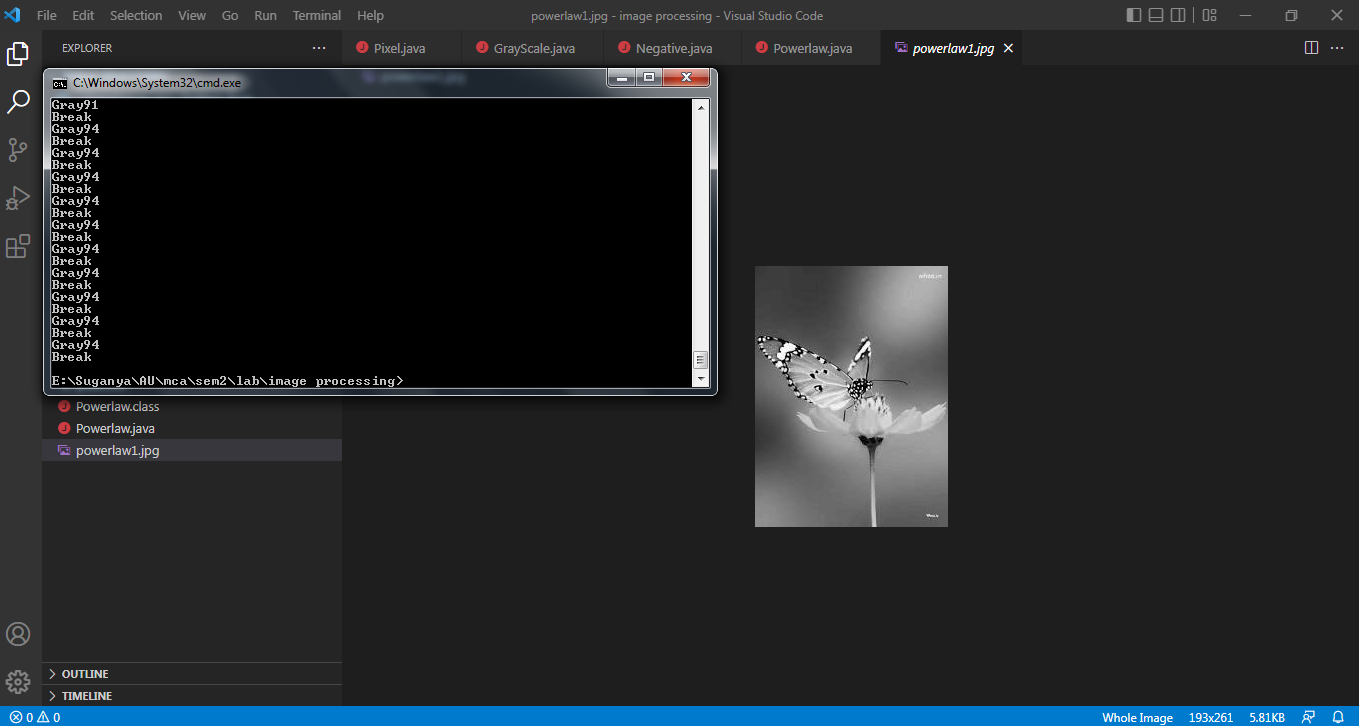
**CONVERT NEGATIVE IMAGE**

PROGRAM 3



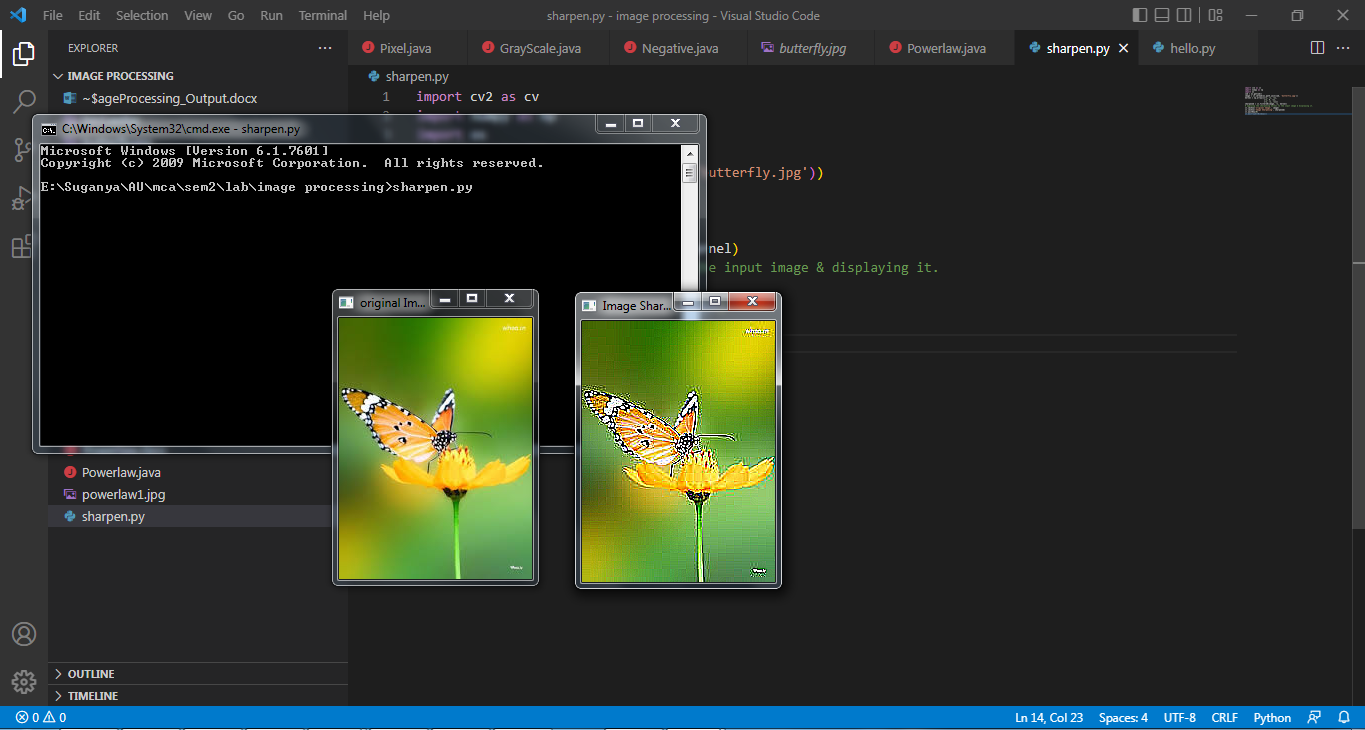
**SMOOTHING OPERATIONS ON AN IMAGE IN SPATIAL DOMAIN**

PROGRAM 4



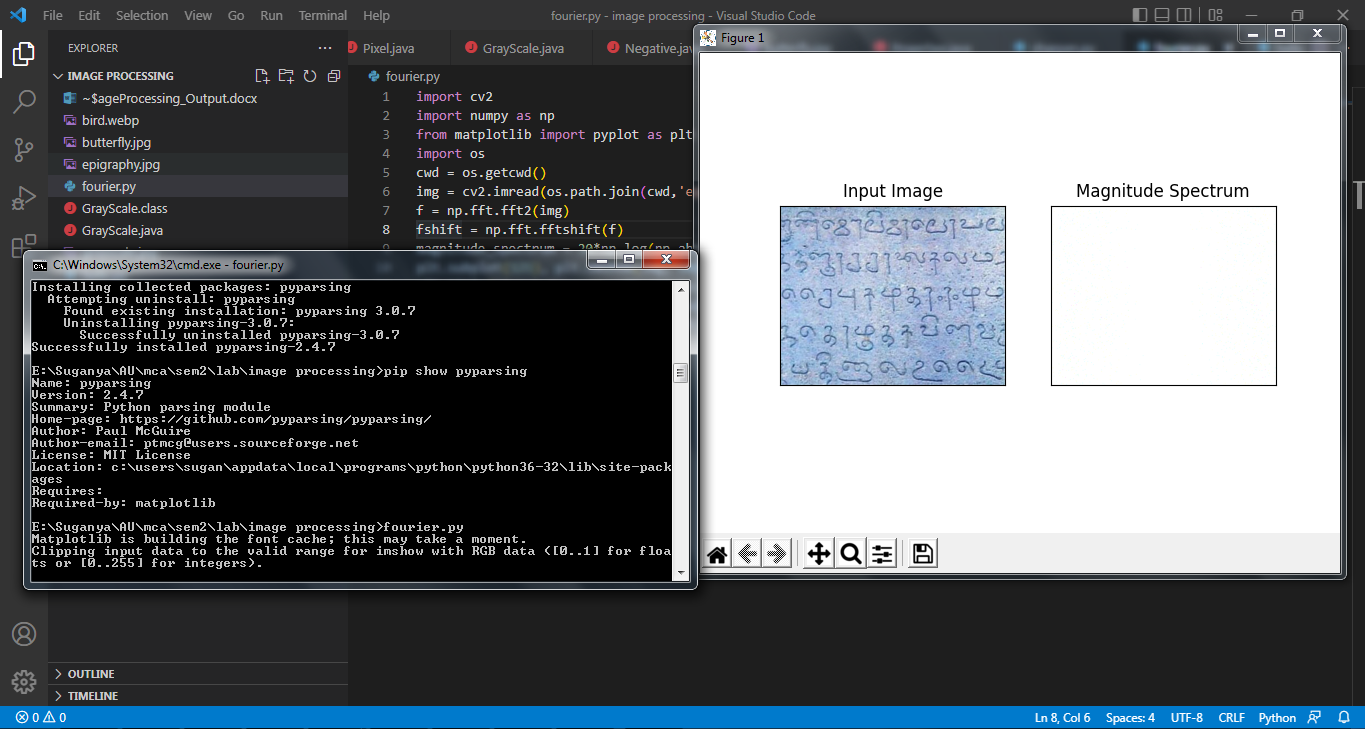
**SHARPENING OPERATIONS ON AN IMAGE IN SPATIAL DOMAIN**

PROGRAM 5



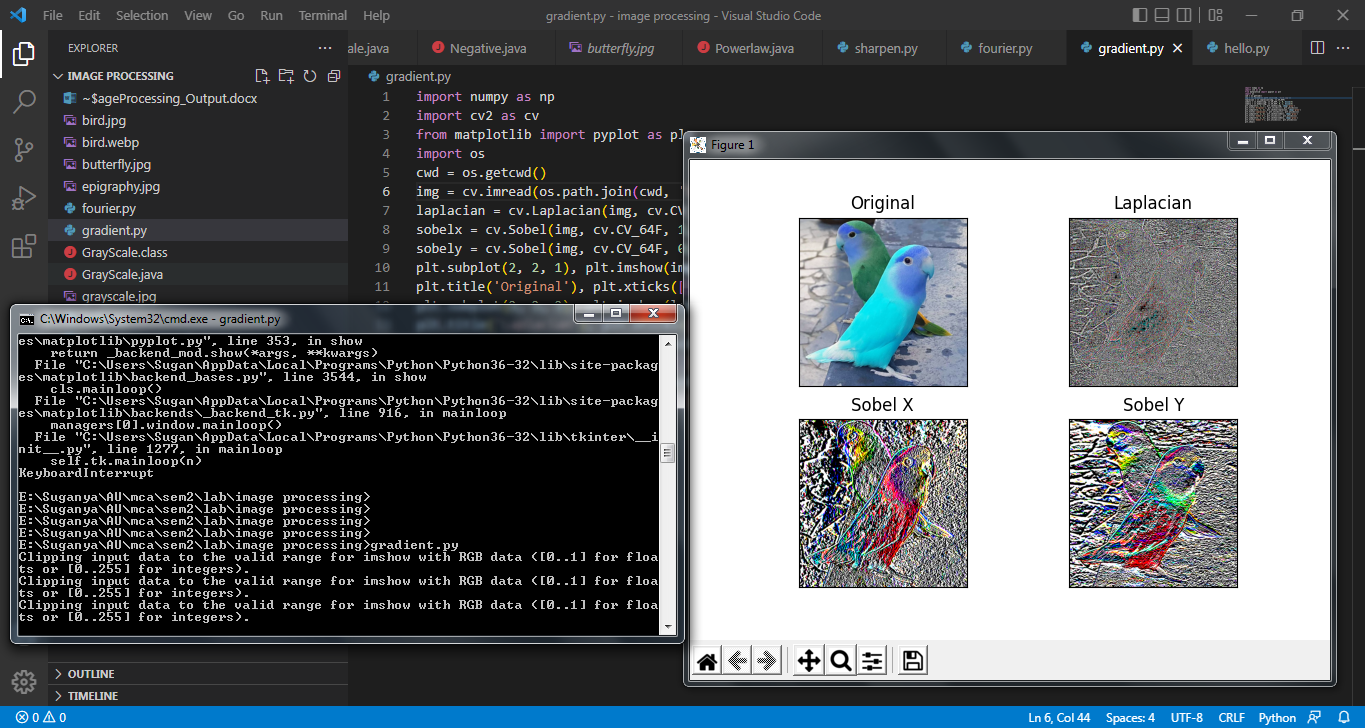
**TRANSFORM THE IMAGE INTO FOURIER TRANSFORM**

PROGRAM 6



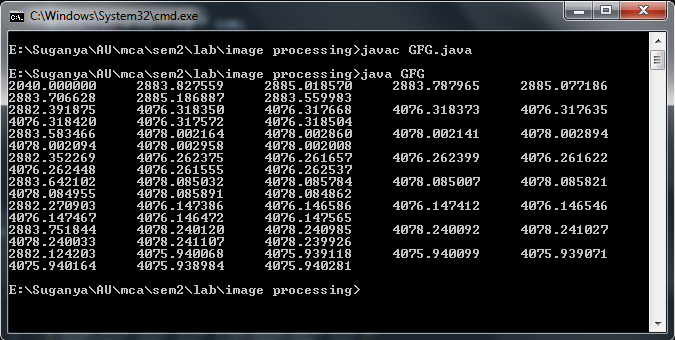
**PERFORMANCE OF GRADIENT OPERATIONS**

PROGRAM 7



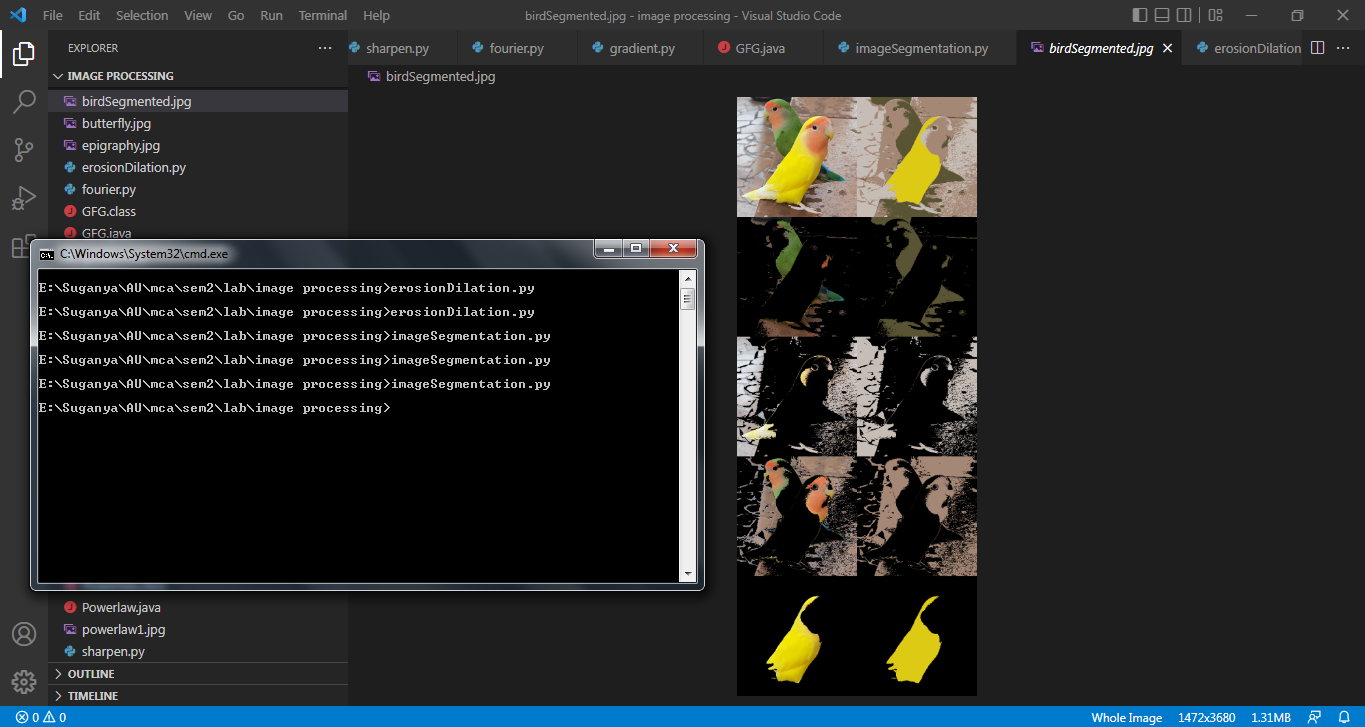
**PERFORM DCT IMAGE COMPRESSION METHOD**

PROGRAM 8



**IMAGE SEGMENTATION BASED ON COLOR**

PROGRAM 9



**EROSION AND DILATION OPERATIONS ON IMAGE**

PROGRAM 10

