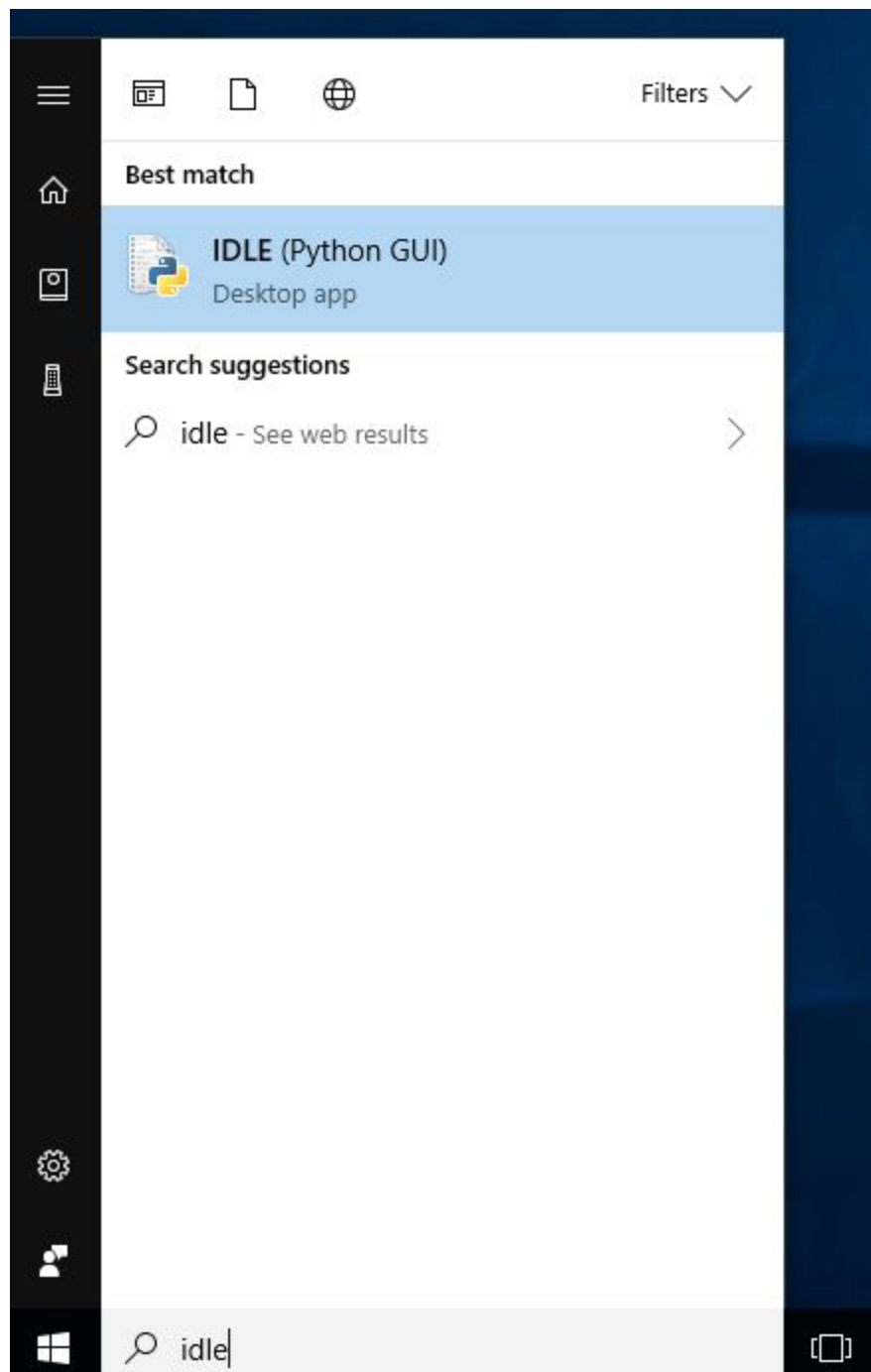
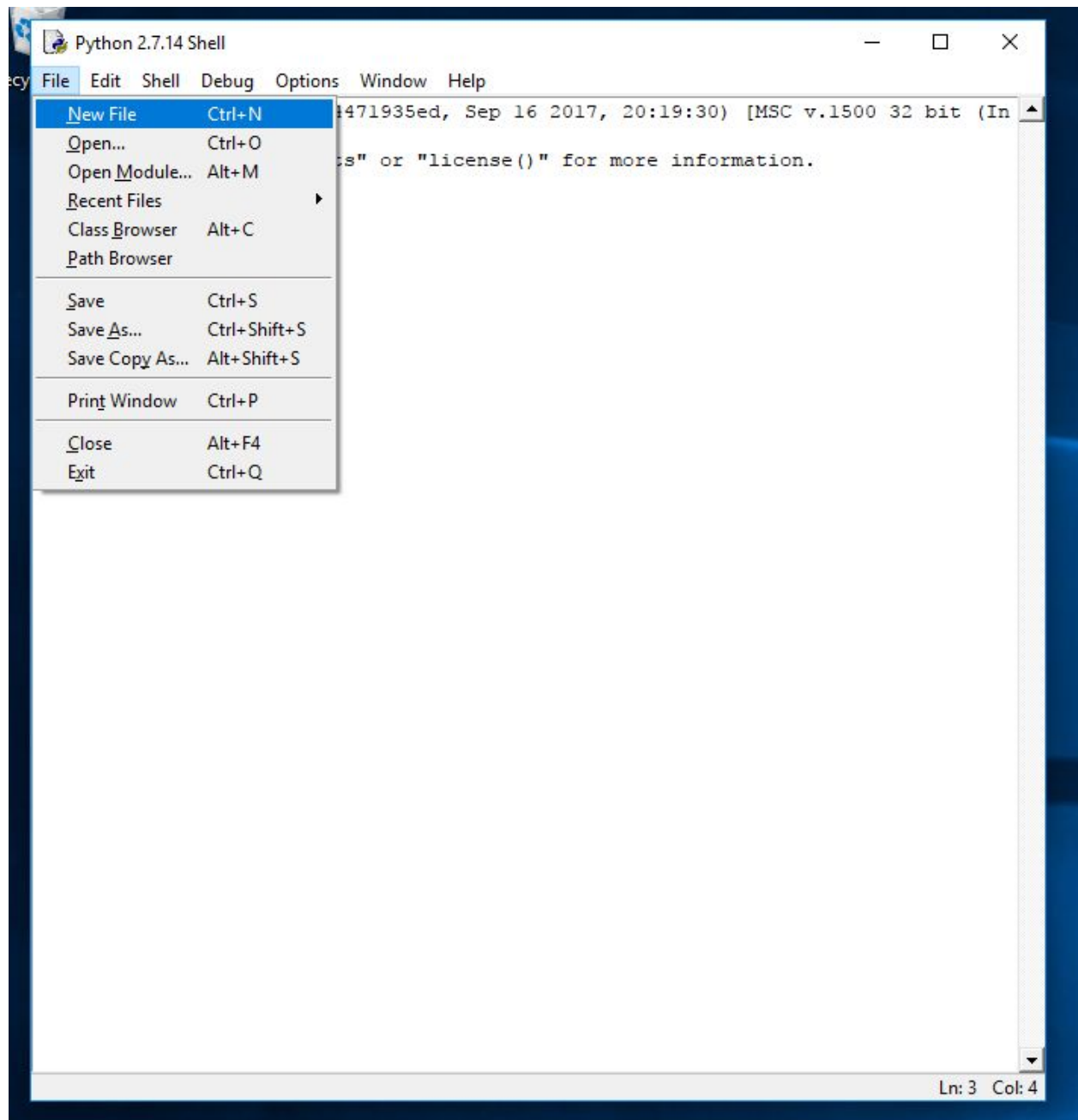


How to use Python GUI

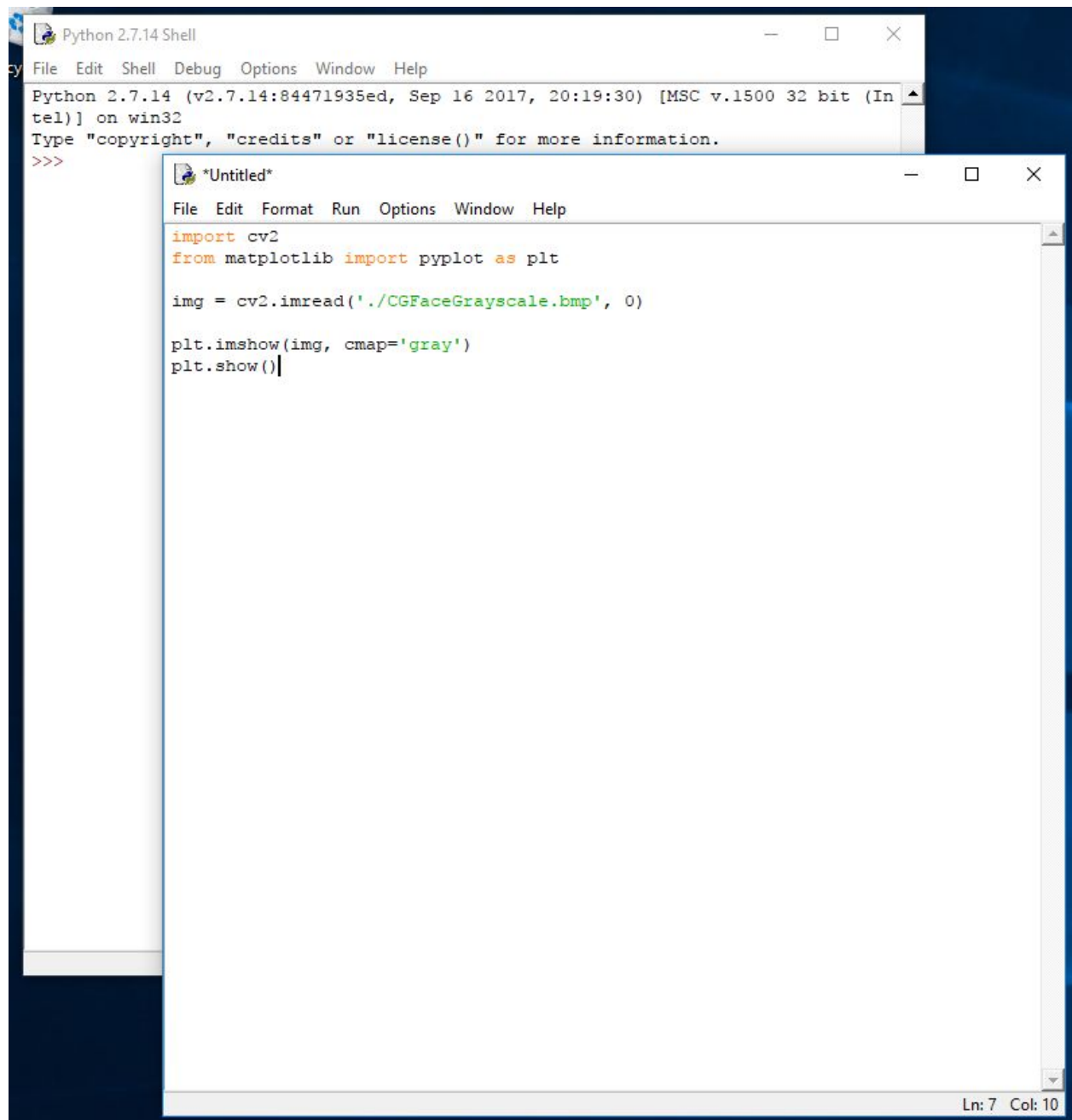
1. Bring up Start menu, type “IDLE” and select “IDLE (Python GUI)”



2. Click “File” and select “New File”



3. Write your code



The image shows a screenshot of a computer screen with two windows. The background window is titled "Python 2.7.14 Shell" and contains the following text:

```
Python 2.7.14 (v2.7.14:84471935ed, Sep 16 2017, 20:19:30) [MSC v.1500 32 bit (Intel)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
```

Overlaid on top of the shell window is a smaller window titled "*Untitled*". This window contains Python code for reading and displaying an image:

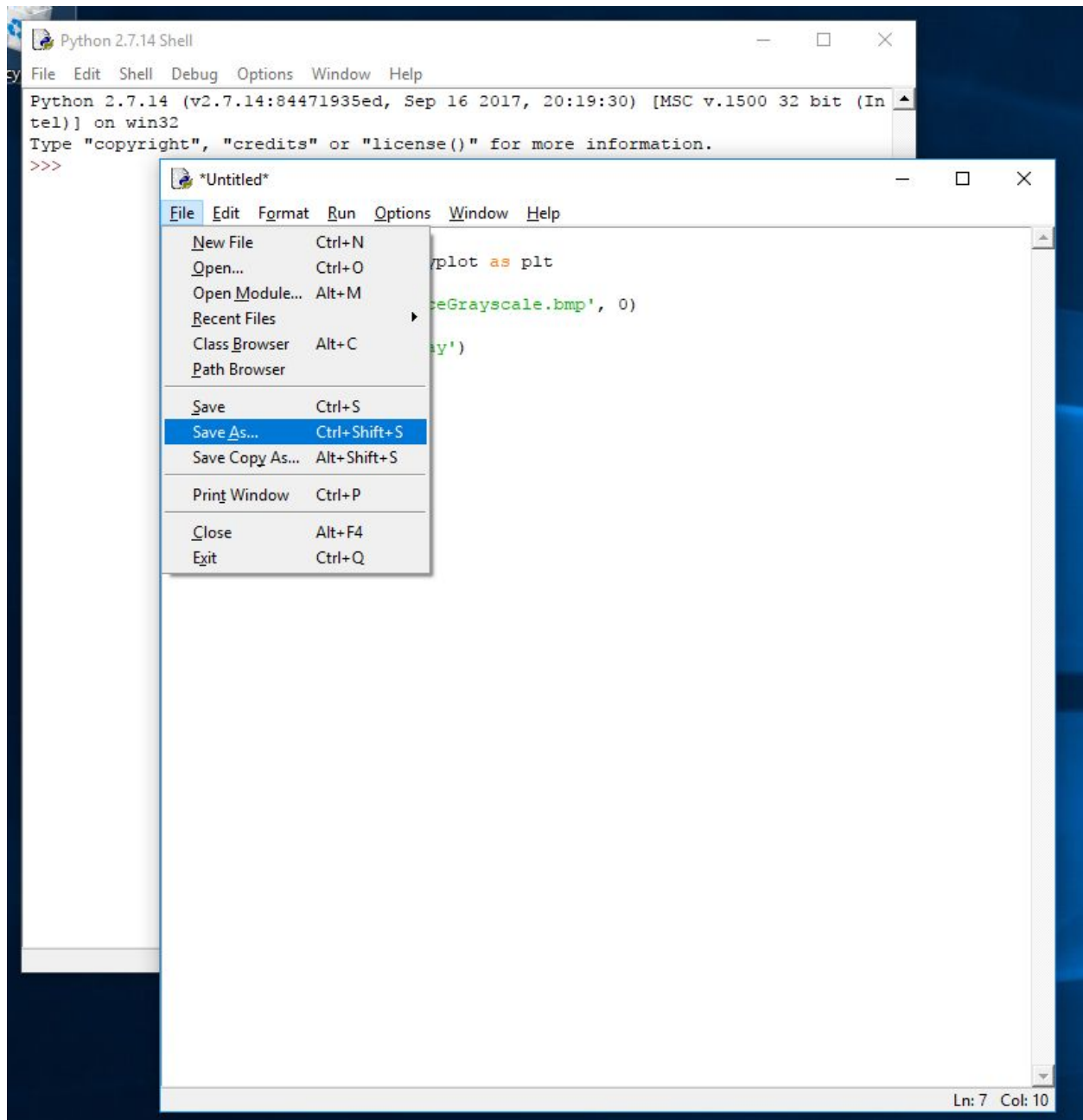
```
import cv2
from matplotlib import pyplot as plt

img = cv2.imread('./CGFaceGrayscale.bmp', 0)

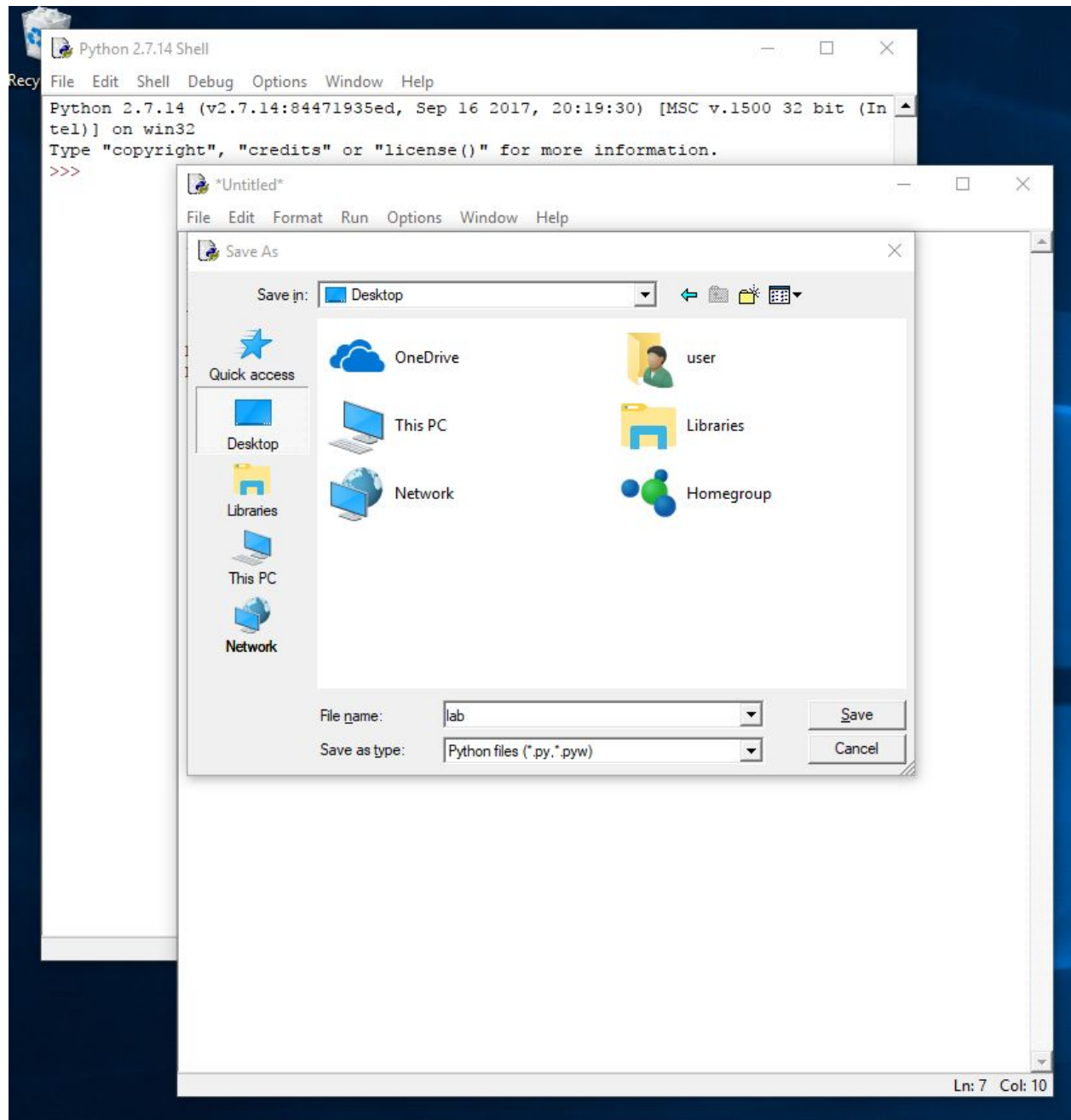
plt.imshow(img, cmap='gray')
plt.show()
```

The status bar at the bottom right of the "Untitled*" window indicates "Ln: 7 Col: 10".

4. When done writing code, click “File” and select “Save As...”



5. Save the file in your preferred directory

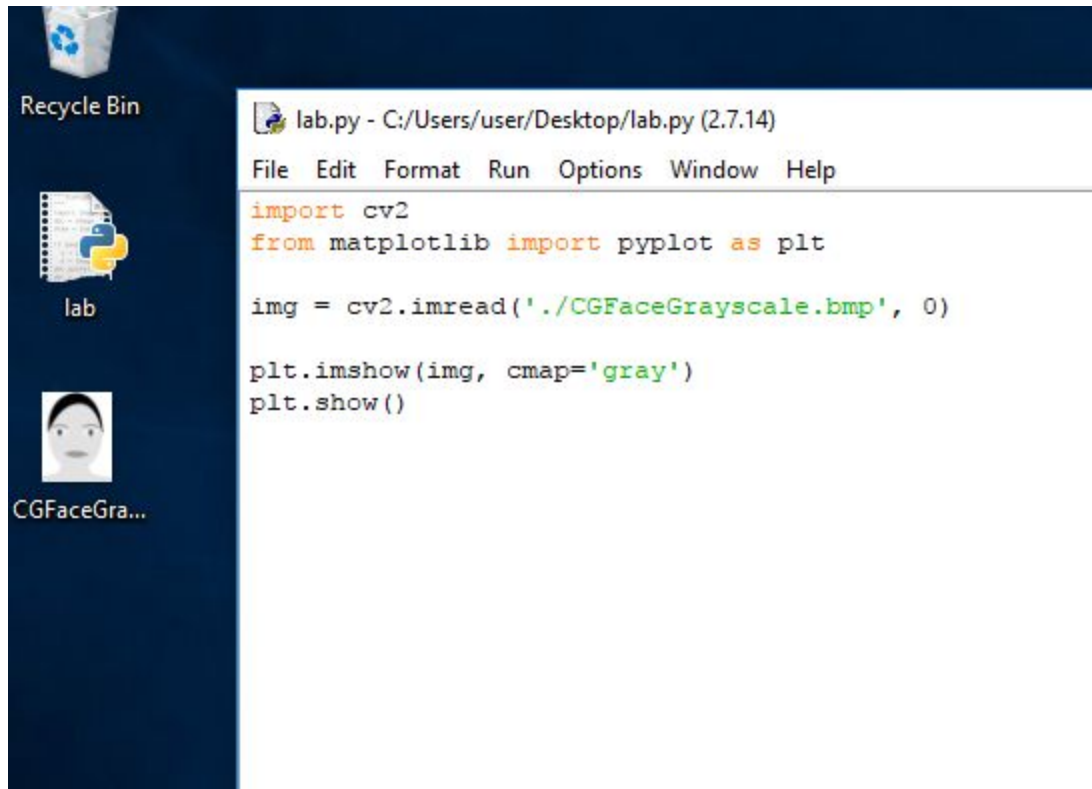


6. Place the image you specified in the code in the right directory

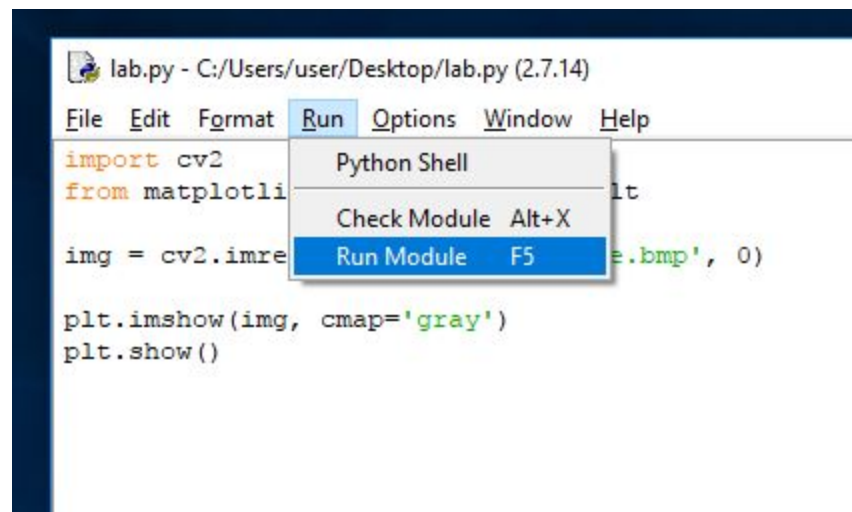
Note: '.' represent the directory that you are in, so if you run file from desktop you should place your image on the desktop also, to avoid error you should specify full path eg.

"C:/User/user/Desktop/CGFaceGrayscale.bmp" or

"C:\\User\\user\\Desktop\\CGFaceGrayscale.bmp"



7. When everything is ready, click on “Run” and select “Run Module”



Result

