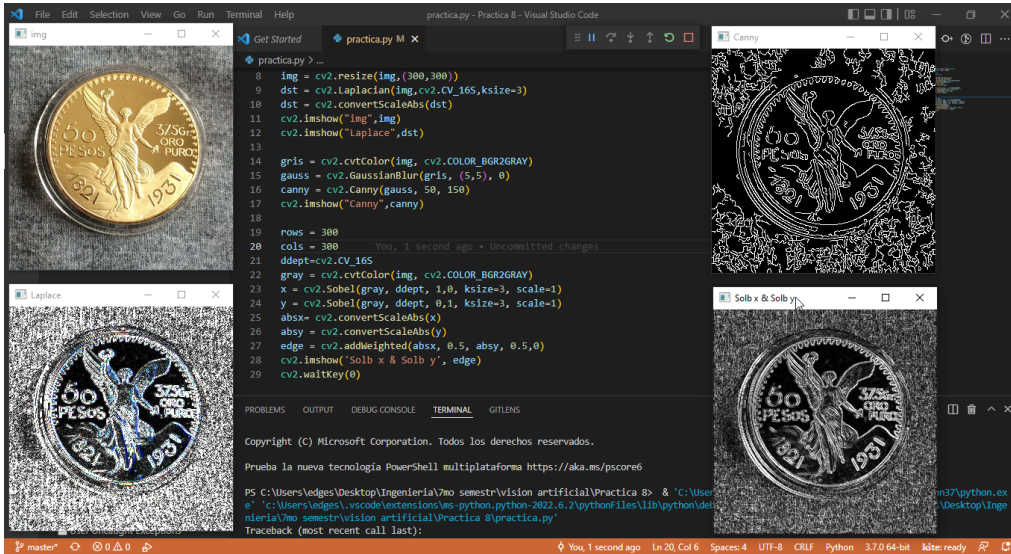# MANUAL DE USUARIO PRACTICA 8
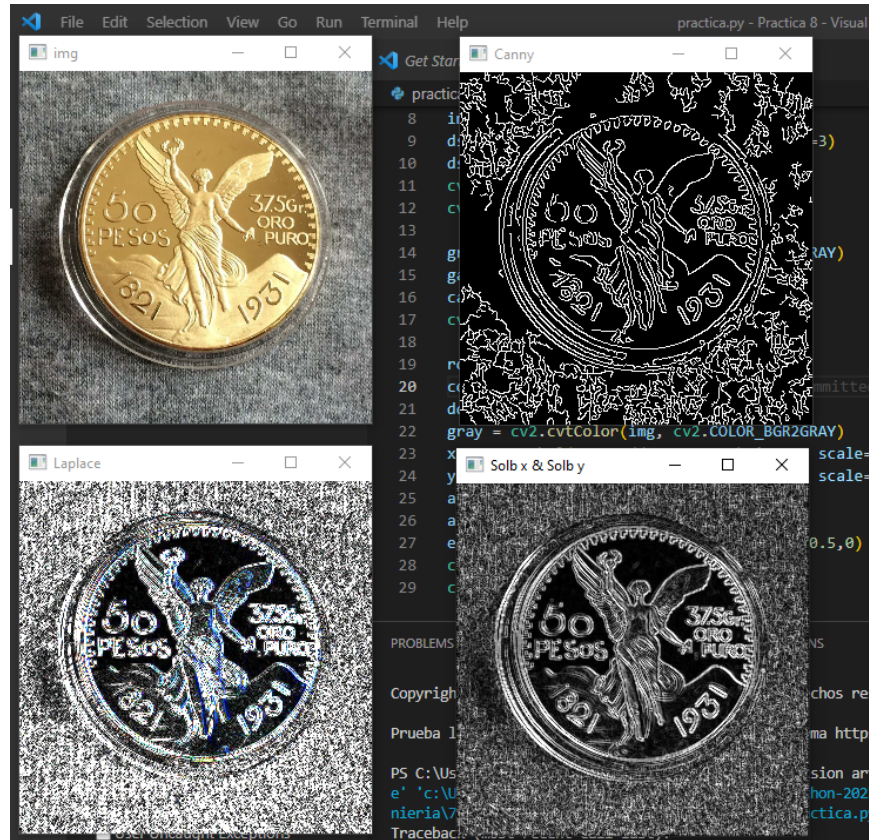
PEDRO MIGUEL ELGUERA MORA 19110148

CETI COLOMOS VISION ARTIFICIAL 7E1

MANUAL DE USUARIO

EVIDENCIA

APP

Esta es la vista principal de la aplicación.

Git:

https://github.com/PedroElgueraCeti/Practica8_VIsionArtificial.git

Code:

```python
#Pedro Miguel Elguera Mora 19110148

from matplotlib import pyplot as plt
from matplotlib import pylab
import cv2
import imutils
import numpy as np


img = cv2.imread("moneda.jpg",1)
img = cv2.resize(img,(300,300))
dst = cv2.Laplacian(img,cv2.CV_16S,ksize=3)
dst = cv2.convertScaleAbs(dst)
cv2.imshow("img",img)
cv2.imshow("Laplace",dst)

gris = cv2.cvtColor(img, cv2.COLOR_BGR2GRAY)
gauss = cv2.GaussianBlur(gris, (5,5), 0)
canny = cv2.Canny(gauss, 50, 150)
cv2.imshow("Canny",canny)

rows = 300
cols = 300
ddept=cv2.CV_16S
gray = cv2.cvtColor(img, cv2.COLOR_BGR2GRAY)
x = cv2.Sobel(gray, ddept, 1,0, ksize=3, scale=1)
y = cv2.Sobel(gray, ddept, 0,1, ksize=3, scale=1)
absx= cv2.convertScaleAbs(x)
absy = cv2.convertScaleAbs(y)
edge = cv2.addWeighted(absx, 0.5, absy, 0.5,0)
cv2.imshow('Solb x & Solb y', edge)
cv2.waitKey(0)
```