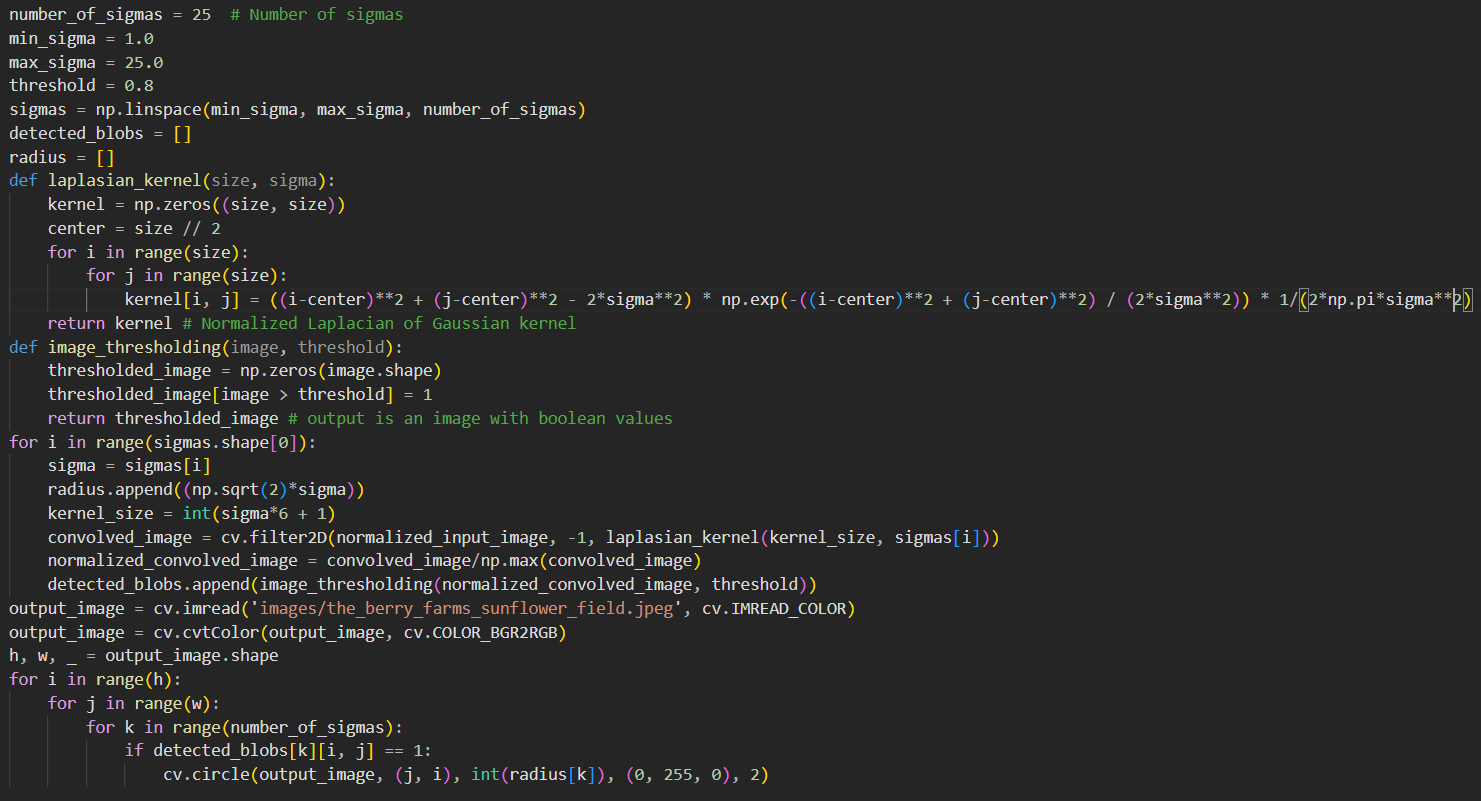
**EN 3160 Image processing a Computer Vision Assignment 2**

**Index no: 200356A**

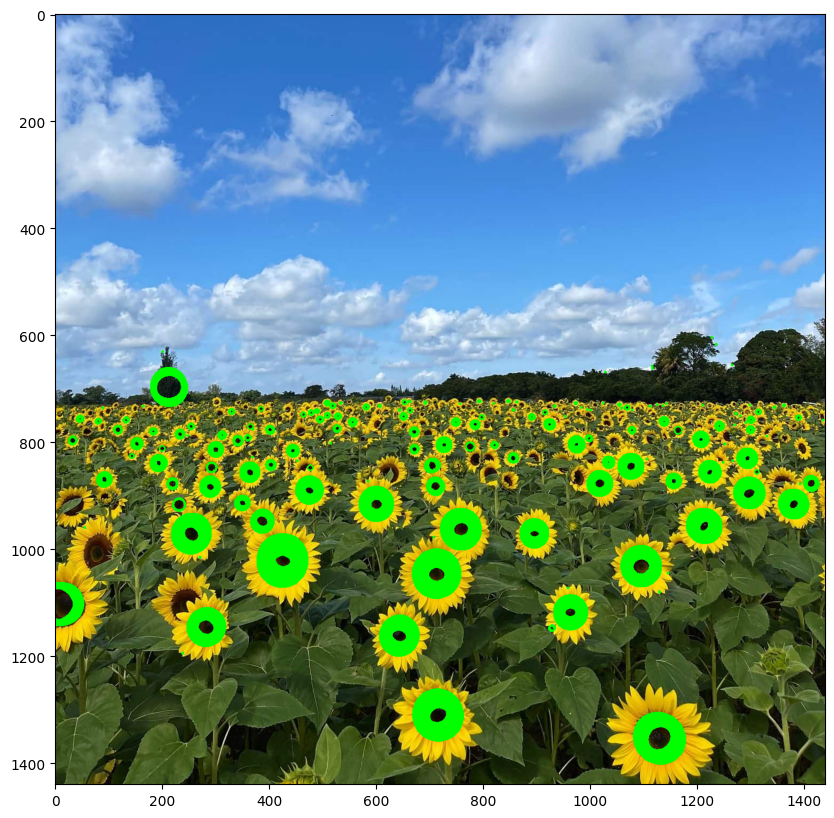
**Question 1**



Location and Radius of max blob

A black background with white text

Description automatically generated

****

**Question 2**

Best RANSAC Line a, b, d, and inliners values are

best model found: [2.1893539 3.16277678 9.85943152] , no of inliners = 46

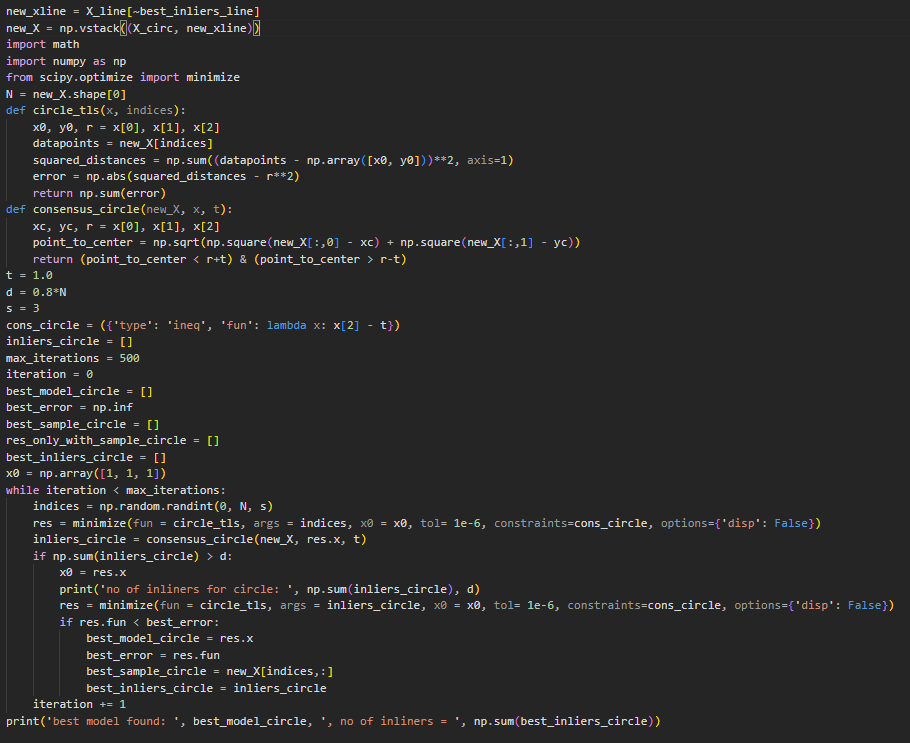
Best RANSAC Circle x center, y Center, and radius are

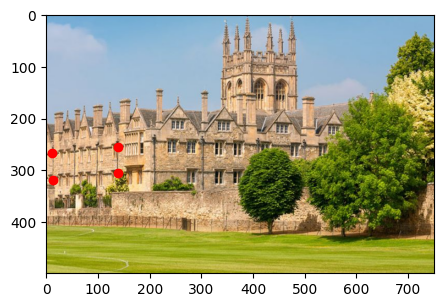
RANSAC circle: [2.1893539 3.16277678 9.85943152]

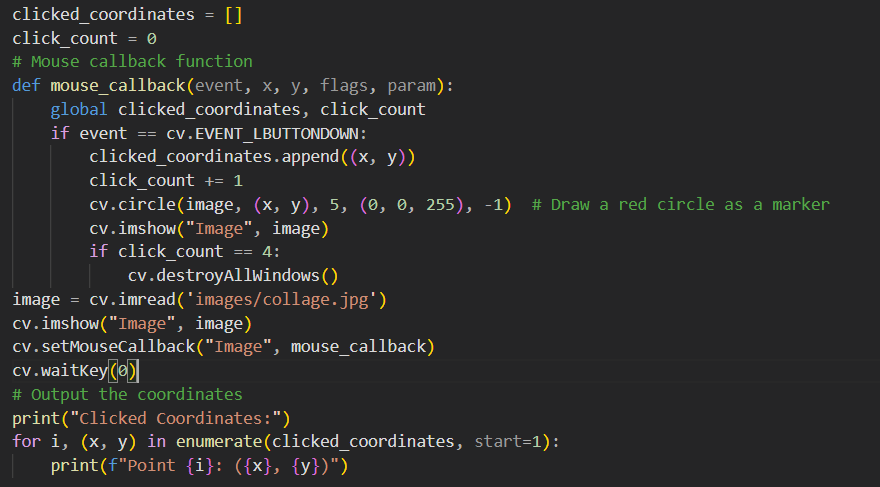
If we tried to find the circle first, circle might be very large to fit the points of the line to the circumference. Therefore, more convenient method is to find the RANSAC line first and then take the RANSAC circle.

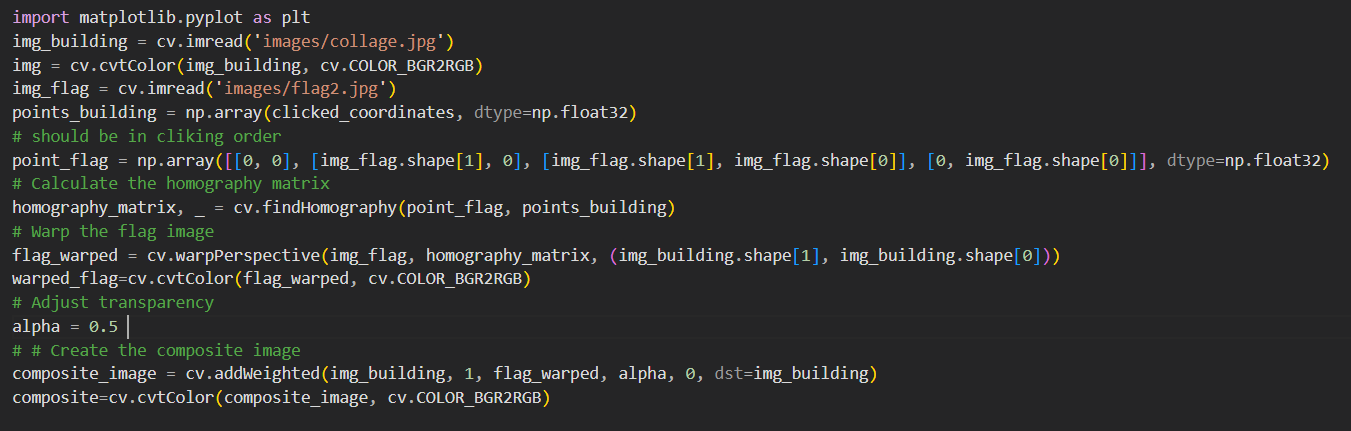
**A graph with colorful dots and lines

Description automatically generated**



**Question 3**





A flag on a black background

Description automatically generated

**Question 04**



A screenshot of a computer

Description automatically generated

Github link - <https://github.com/Dulan24/S5_EN3061_Image-processing/tree/master/Activity%2002>