**SUSAN EDGE DETECTION**

The SUSAN algorithm was implemented within a class. The class takes 3 arguments

“imgName” – Name of the image to apply algorithm

“maskRad” – The radius of the circular mask used to calculate USAN (defaulted 3)

“process” – Boolean value of whether to preprocess the image (defaulted false)

NOTES:

* REMEMBER TO CLOSE BOTH CV2 WINDOWS FOR NEXT CALCULATIONS TO OCCUR
* WOULD NOT SHOW POINTS ON IMG IN COLOR BUT EXACT COORDINATES ARE PRINTED IN TERMINAL
* Since HESS corner detection was already graded and I could not completely get SIFT to work I have commented out them being called in “main.py” the only things being called are

Sample Output:



