HARRIS CORNER DETECTION

You have to submit a report of Harris corner detection.

1. Show images of I_x I_y, I^2_x, I^2_y, and I_xI_y
2. Show image of R matrix, before and after non-maximum suppression
3. Overlay corners over the image (use the red-plus signs for overlaying)

	Img1	Img2	Img3
Size of images			
I^2_x,			
I^2_x,			
I_xI_y			
R			
R (after non-maximum suppression)			
Corners overlayed			
Th-1			
Th-2			
size of R matrix			

Analysis:

Neighborhood size for computing R	Size-1 {corresponding variance}	Size-2	Size-3
Img-1 {Corners overlayed}			
Img-2			
Img-3			

Analysis:

1. Which variance works better for which image, and why?
2. How did you handle the boundary condition for convolution?
3. Is your R matrix of the same size as image I?
4. If not then how do you recover the correct location of the corners?

Note : Do not take screenshots, please save images properly and then add them in the report (and separately too).