

# **Computer Vision (Spring 2021) Problem Set #2**

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# Challenge problem



ps2-5-a-1

Coordinates and Name:

No Entry: (525, 394)

# Challenge problem



Coordinates and Name:

Stop: (469, 291)

ps2-5-a-2

# Challenge problem



ps2-5-a-3

Coordinates and Name:  
No Entry: (232, 332)

# Challenge problem - Discussion

Analyse why using the same function utilized for ps2-5-a-1 or ps2-5-a-2 fails to generate good results on ps2-5-a-3 as well. Also discuss the techniques you utilized for recognizing traffic signs in real world images

Ps2-5-a-3 fails to generate good results compared to ps2-5-a-1 because the no entry sign on the ps2-5-a-1 is not skewed due to which the edges around the sign fit inside a circle properly which makes it easy to point the center, whereas in ps2-5-a-3 the stop sign has been shot at an angle and because of perspective projection the sign appears skewed and edges around the sign don't fit inside the circle properly therefore the center of the sign is marked away from the actual center.