# Computer Vision Spring 2019 Problem Set #2

First Name Last Name Email Address

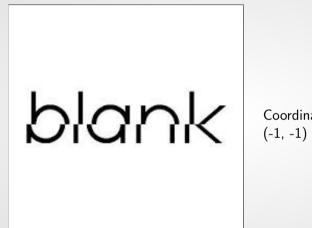








## **Traffic Sign Detection - Do Not Enter**



## **Traffic Sign Detection - Stop**



Coordinates:

## **Traffic Sign Detection - Construction**



Coordinates:

## **Traffic Sign Detection - Warning**



Coordinates:

## **Traffic Sign Detection - Yield**



Coordinates

## Multiple Sign Detection



Coordinates and Name:

No Entry: (-1, -1)

No Entry: (-1, -1)

## Multiple Sign Detection



Coordinates and Name:

No Entry: (-1, -1)

## Multiple Sign Detection With Noise



Coordinates and Name:

No Entry: (-1, -1)

No Entry: (-1, -1)

No Entry: (-1, -1)

## Multiple Sign Detection With Noise



Coordinates and Name:

No Entry: (-1, -1)

## **Challenge problem - A**



Coordinates and Name: No Entry: (-1, -1)

## **Challenge problem - A**



Coordinates and Name: No Entry: (-1, -1)

## **Challenge problem - A**



Coordinates and Name: No Entry: (-1, -1)

## Challenge problem - B



Coordinates and Name:

No Entry: (-1, -1)

## Challenge problem - B



Coordinates and Name:

No Entry: (-1, -1)

## Challenge problem - B



Coordinates and Name:

No Entry: (-1, -1)

#### **Challenge problem - Text**

Describe what you had to do to adapt your code for this task. How does the difference between simulated and real-world images affect your method? If you used other functions/methods, explain why that was better (or why your previous implementation did not work)

5c answer here 5c answer here 5c answer here 5c answer here