

Computer Vision

Fall 2017

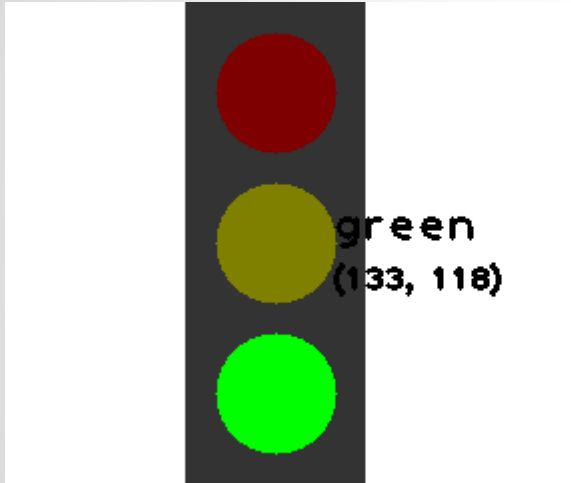
Problem Set #2

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Traffic Light Detection

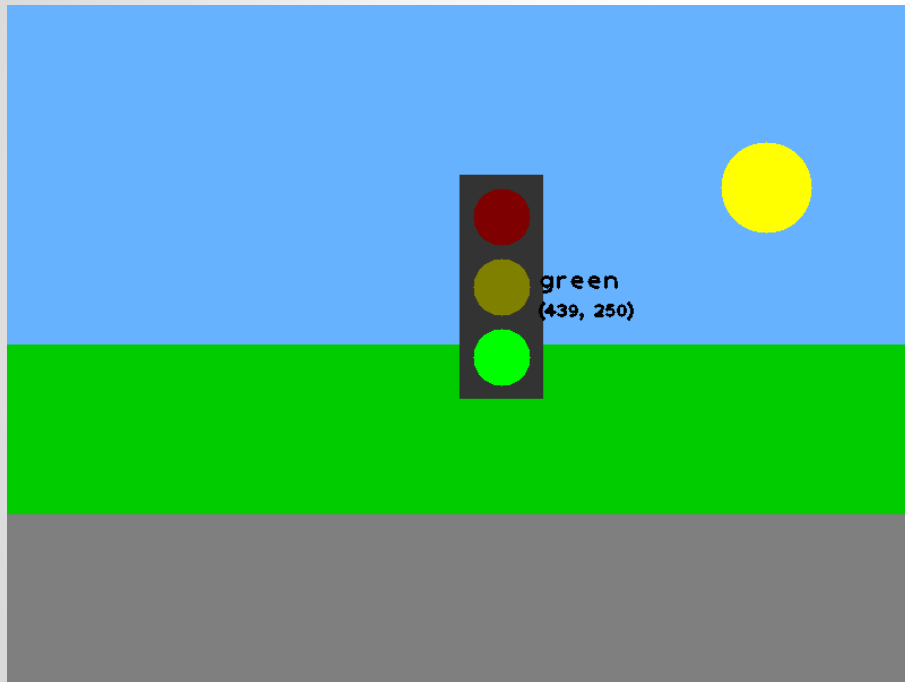
Coordinates: (133, 118)

State: Green



ps2-1-a-1.png

Traffic Light Detection

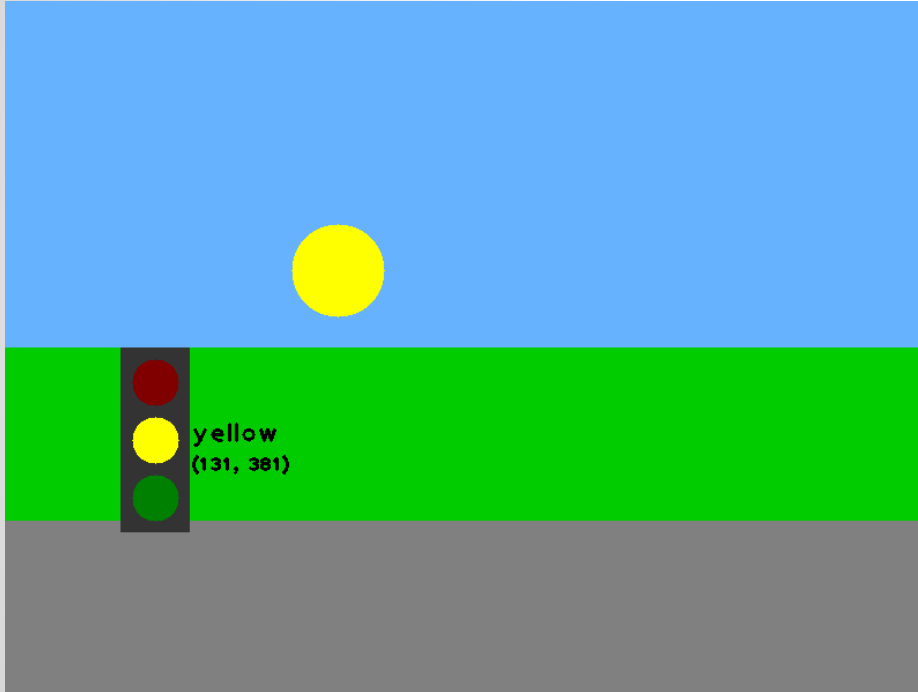


Coordinates: (439, 250)

State: Green

ps2-1-a-2.png

Traffic Light Detection

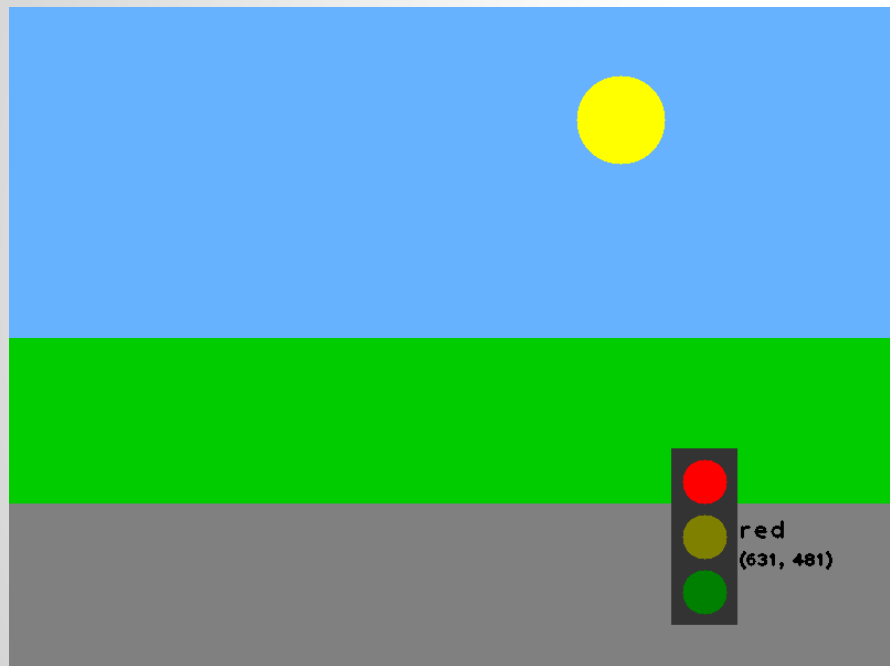


Coordinates: (131,381)

State: Yellow

ps2-1-a-3.png

Traffic Light Detection

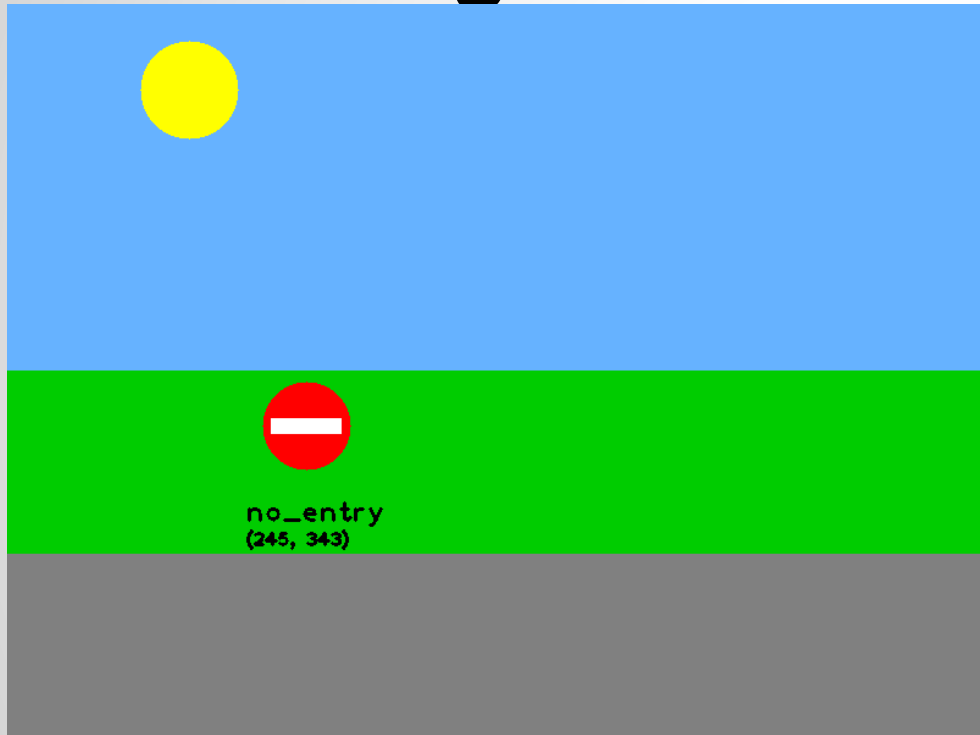


Coordinates: (631,481)

State: Red

ps2-1-a-4.png

Traffic Sign Detection - Do not enter

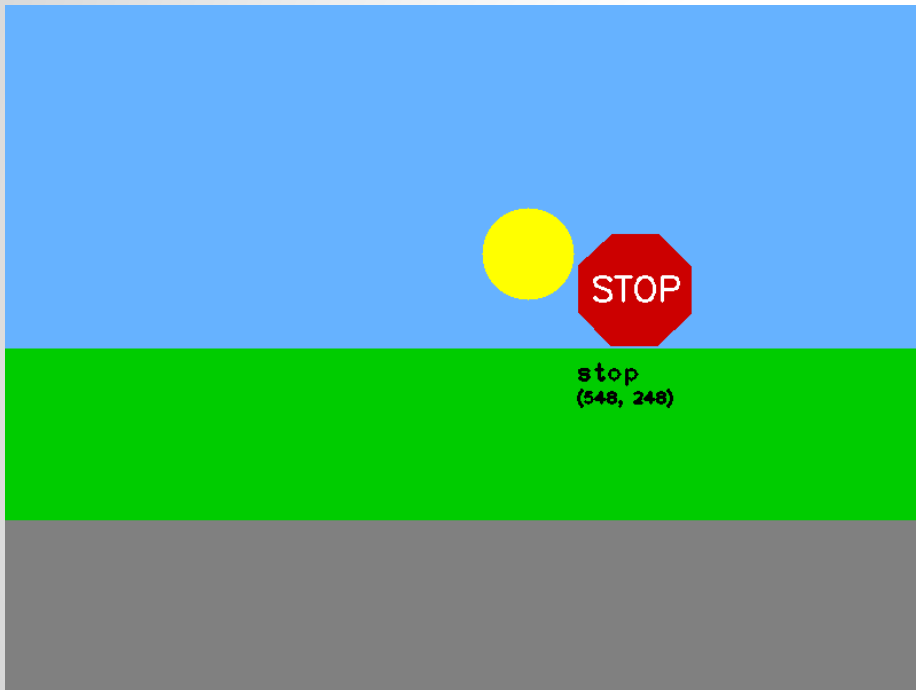


Coordinates: (245, 343)

ps2-2-a-1.png

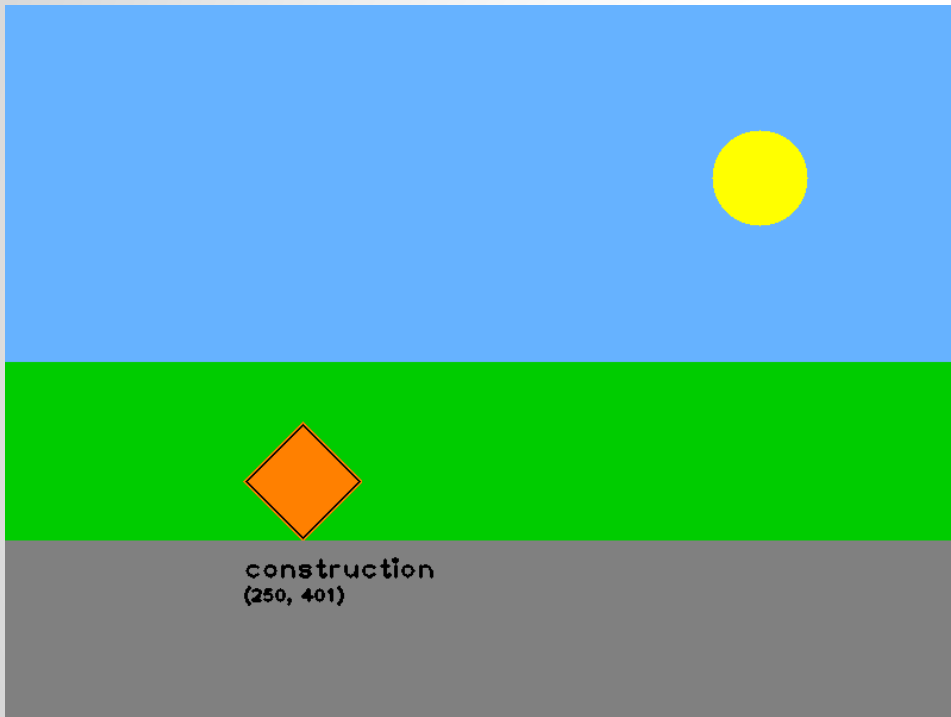
Traffic Sign Detection - Stop

Coordinates: (548,248)



ps2-2-a-2.png

Traffic Sign Detection - Construction

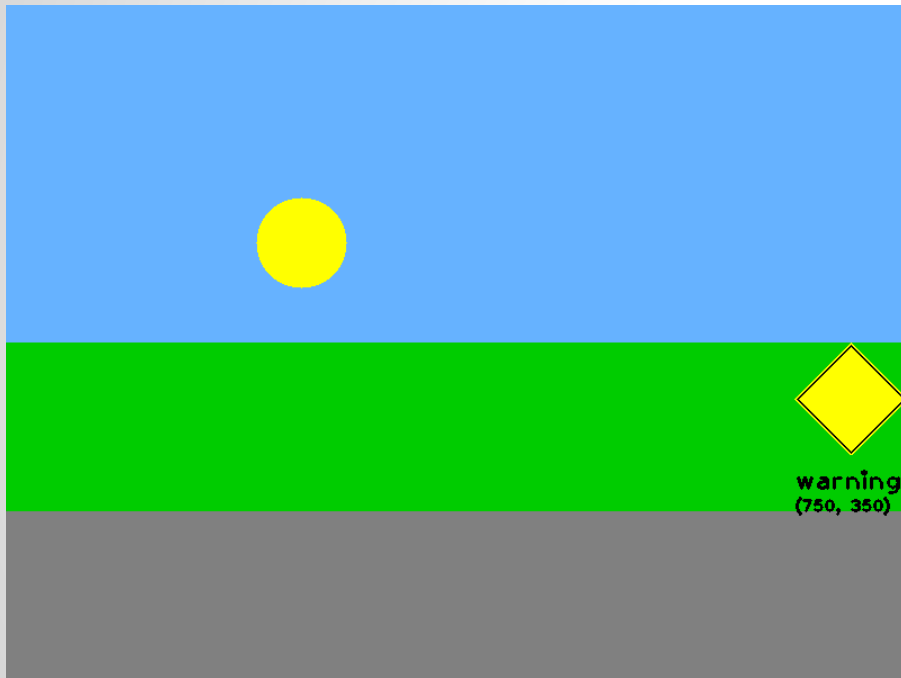


Coordinates: (250,401)

ps2-2-a-3.png

Traffic Sign Detection - Warning

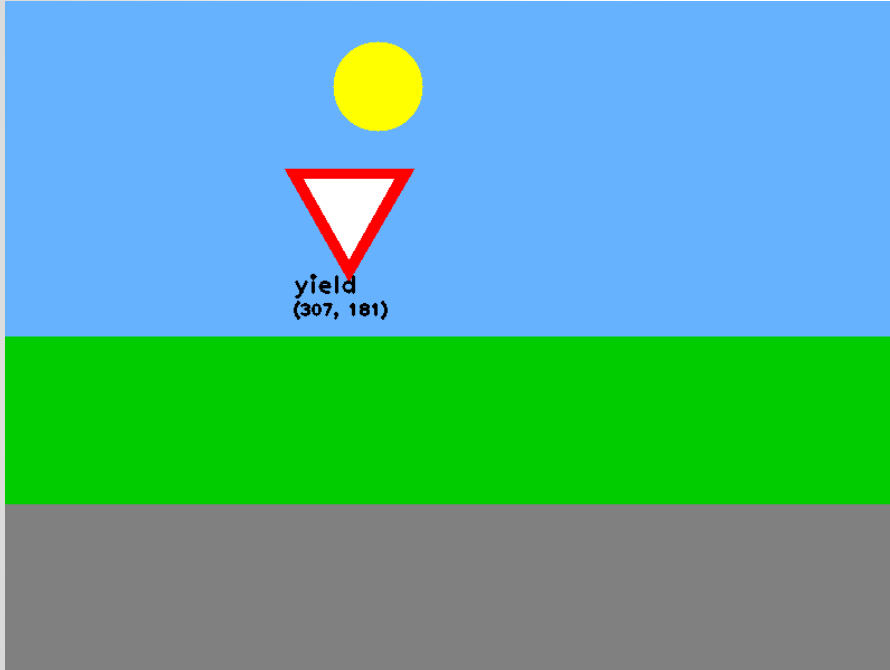
Coordinates: (750,350)



ps2-2-a-4.png

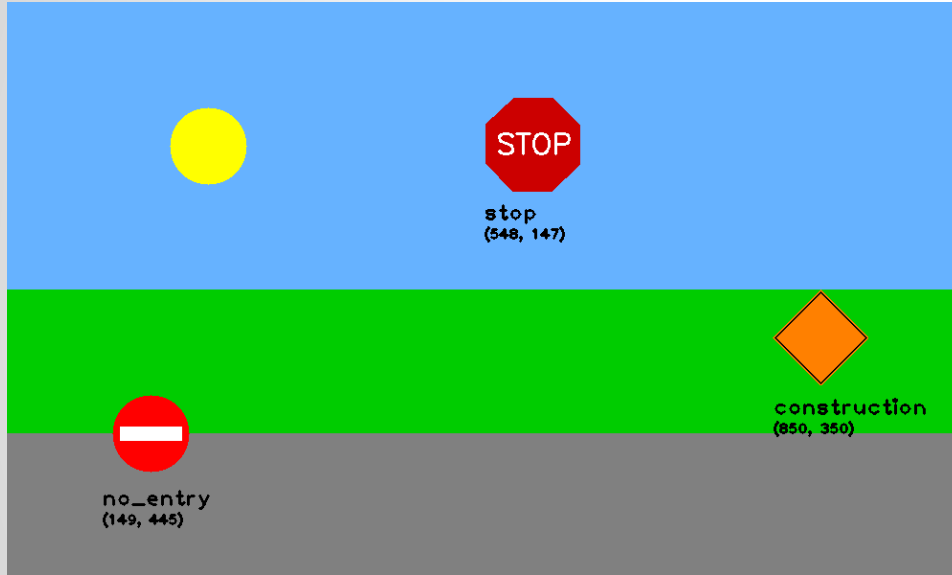
Traffic Sign Detection - Yield

Coordinates: (307,181)



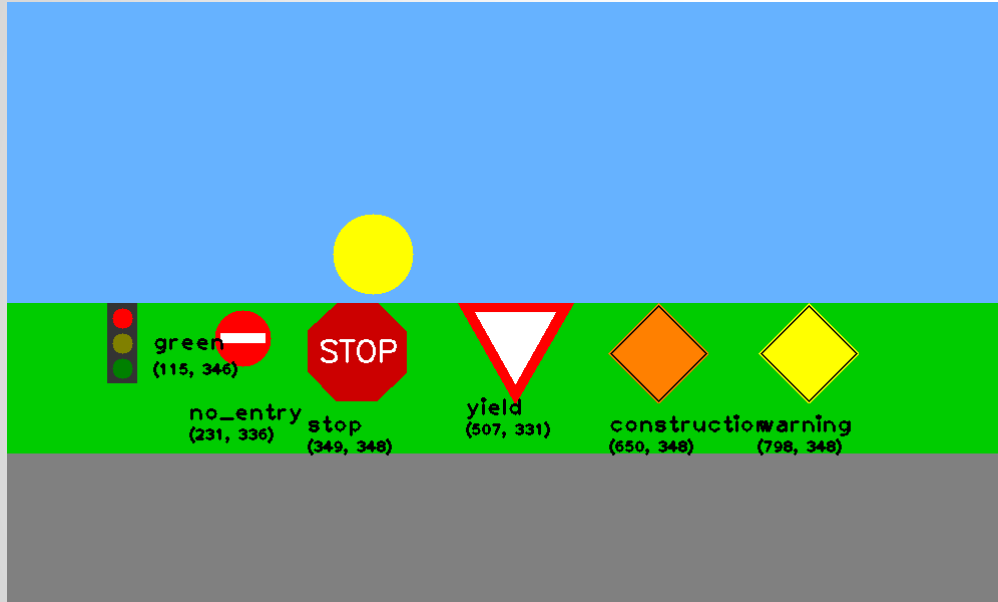
ps2-2-a-5.png

Multiple sign detection



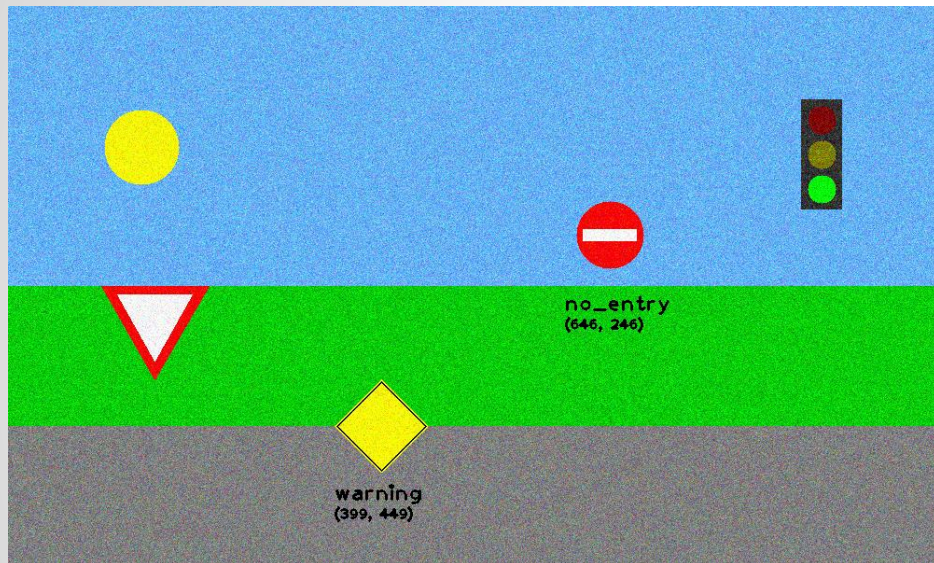
Stop	: (548, 147)
Construction	: (850, 350)
No Entry	: (149, 445)

Multiple sign detection



Traffic light : (115, 346), green
No Entry : (231, 336)
Stop : (349, 348)
Yield : (507, 331)
Construction: (650, 348)
Warning : (798, 348)

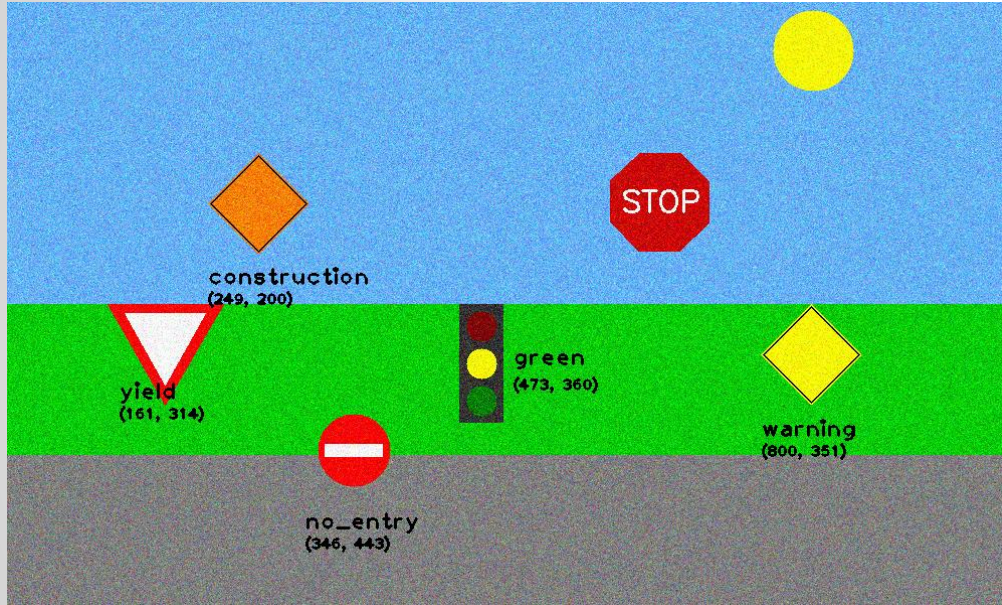
Multiple sign detection with noise



No Entry : (646, 246)

Warning : (399, 449)

Multiple sign detection with noise



Traffic light : (473, 360), yellow
No Entry : (346, 443)
Yield : (161, 314)
Construction: (249, 200)
Warning : (800, 351)