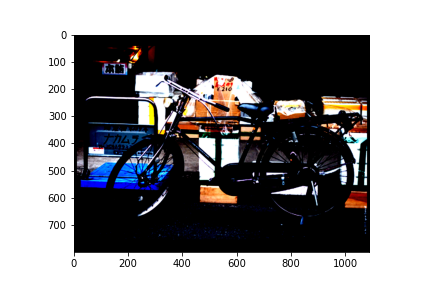
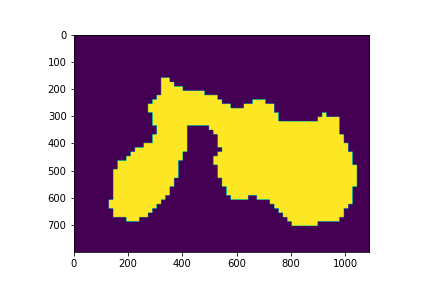
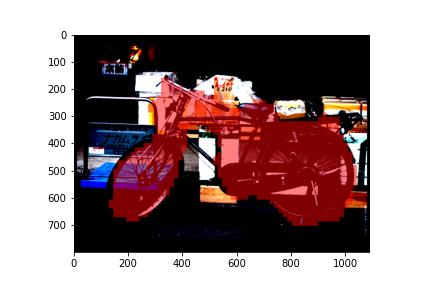
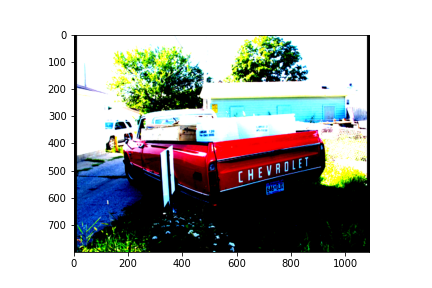
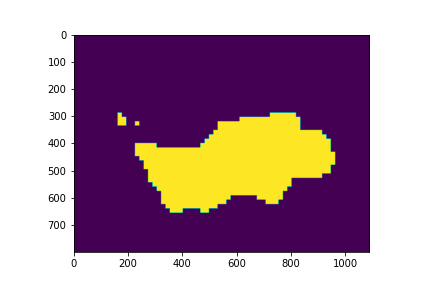
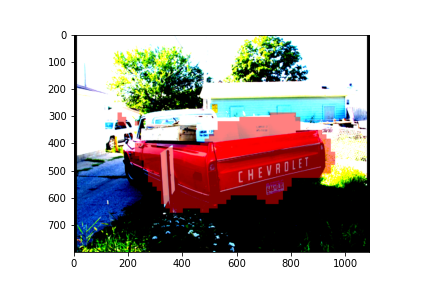
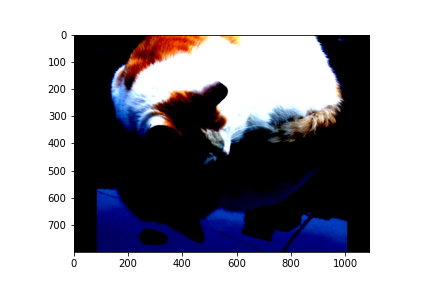
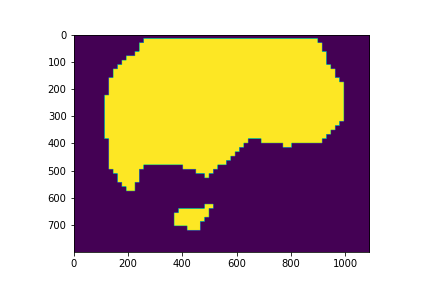
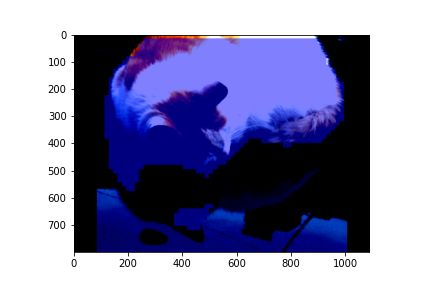
**1. Results:**

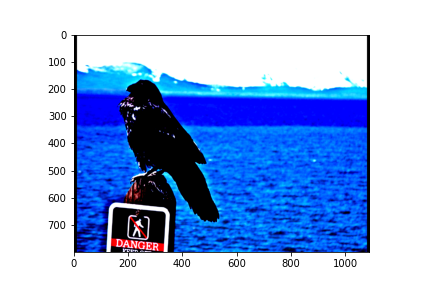


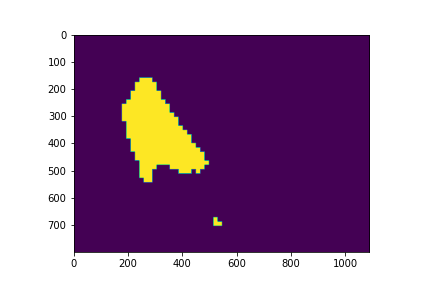
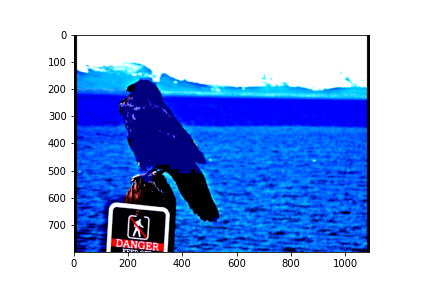


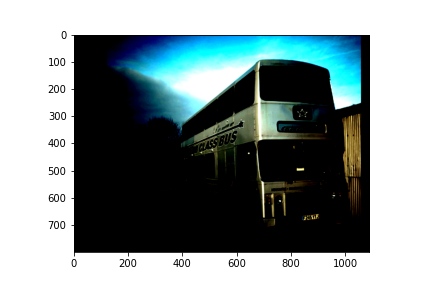


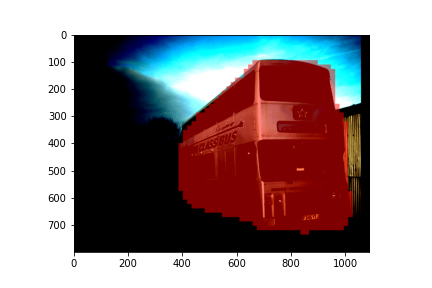
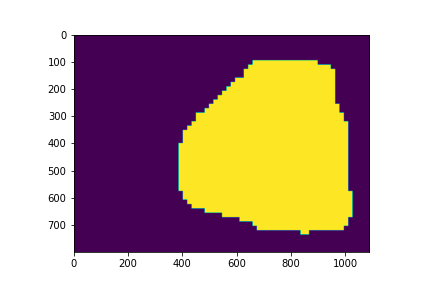


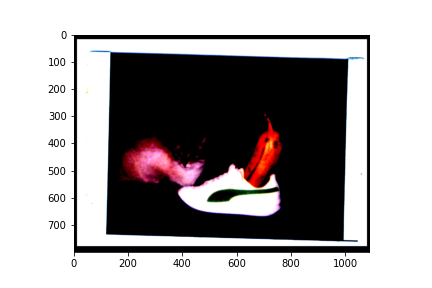


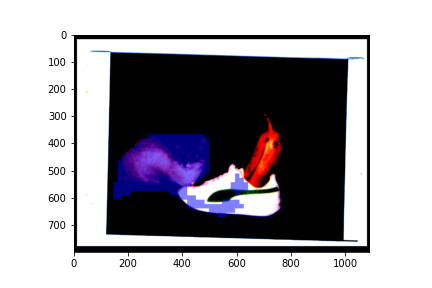


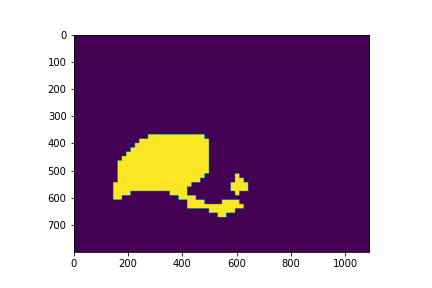


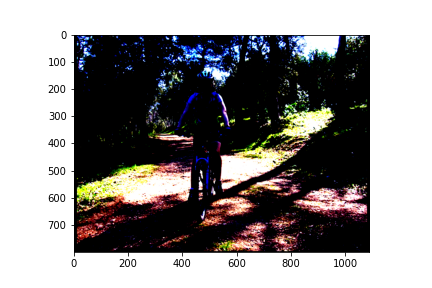


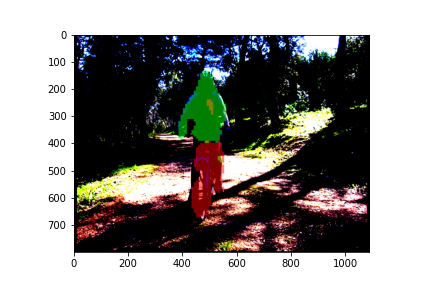


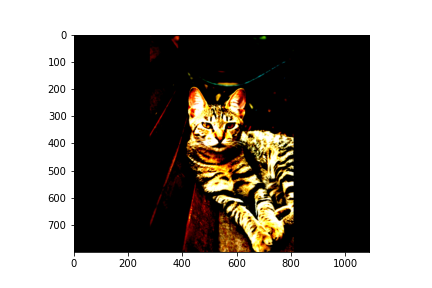


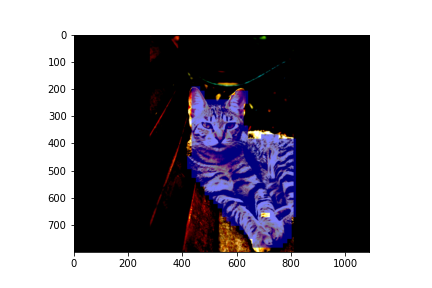




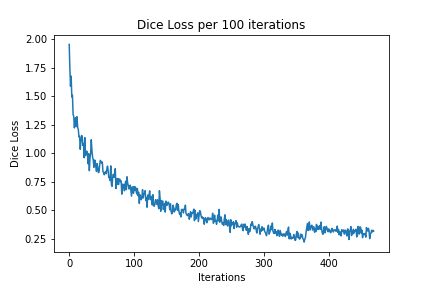


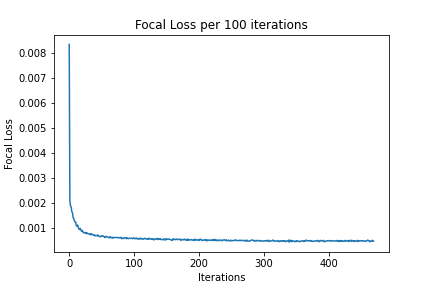


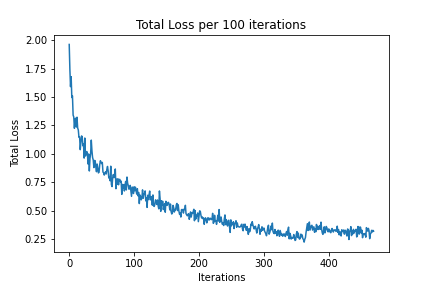




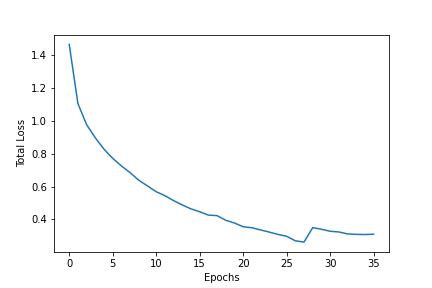
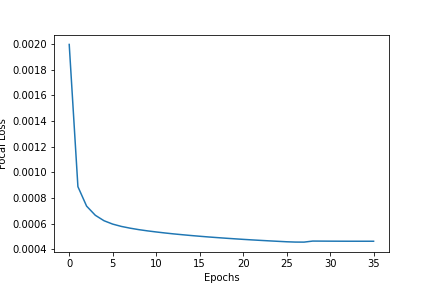
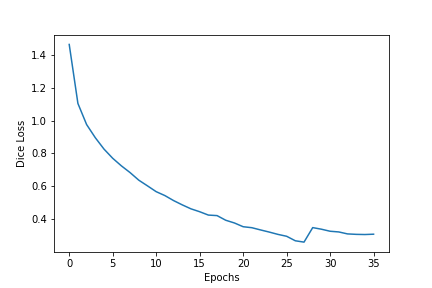
**2. Losses:**

a. Logged every 100 iterations:





b. Logged every epoch with batch size = 2



**3. Settings :**

Focal Loss : alpha:0.25, gamma:2

Mask Loss Weight : 3

Category Threshold: 0.2

INS Threshold : 0.5

IoU Threshold : 0.3 (Different from default value)

Keep instance : All non zero threshold scores

Category Loss : gamma = 2, alpha = 0.25

Learning rate : 0.01 ,

0.001 @epoch28

0.0001@ epoch 34

Momentum : 0.9

Weight Decay : 0.0001

Num Epochs : 40

**4.** MAP Value: 0.4600305543256417, NMS Confidence Threshold: 0.3, IoU threshold: 0.5

