Exercise 2

Precision = -

True positives (TP) Precision = True positives (TP) + False positives (FP)

(TP)= (The num of car images retrieved by the system) = 360

(FP) = (The num of non-car images retrieved by the Sys) - 50 3*0*0

≈ 0.857 > 85.7%

350 True positives (TP)

Recall = True positives (TP) + False Negatives (FN) (TP)= 300

(FN) = (the num of Car images that were not retreived) = (Total car image) - (Retrieved car image)

= 500 - 300 = 200 Recall = 300  $=\frac{3}{5}=0.6\Rightarrow60\%$ 

· · Precision = 85.7% Reall = 60%

500