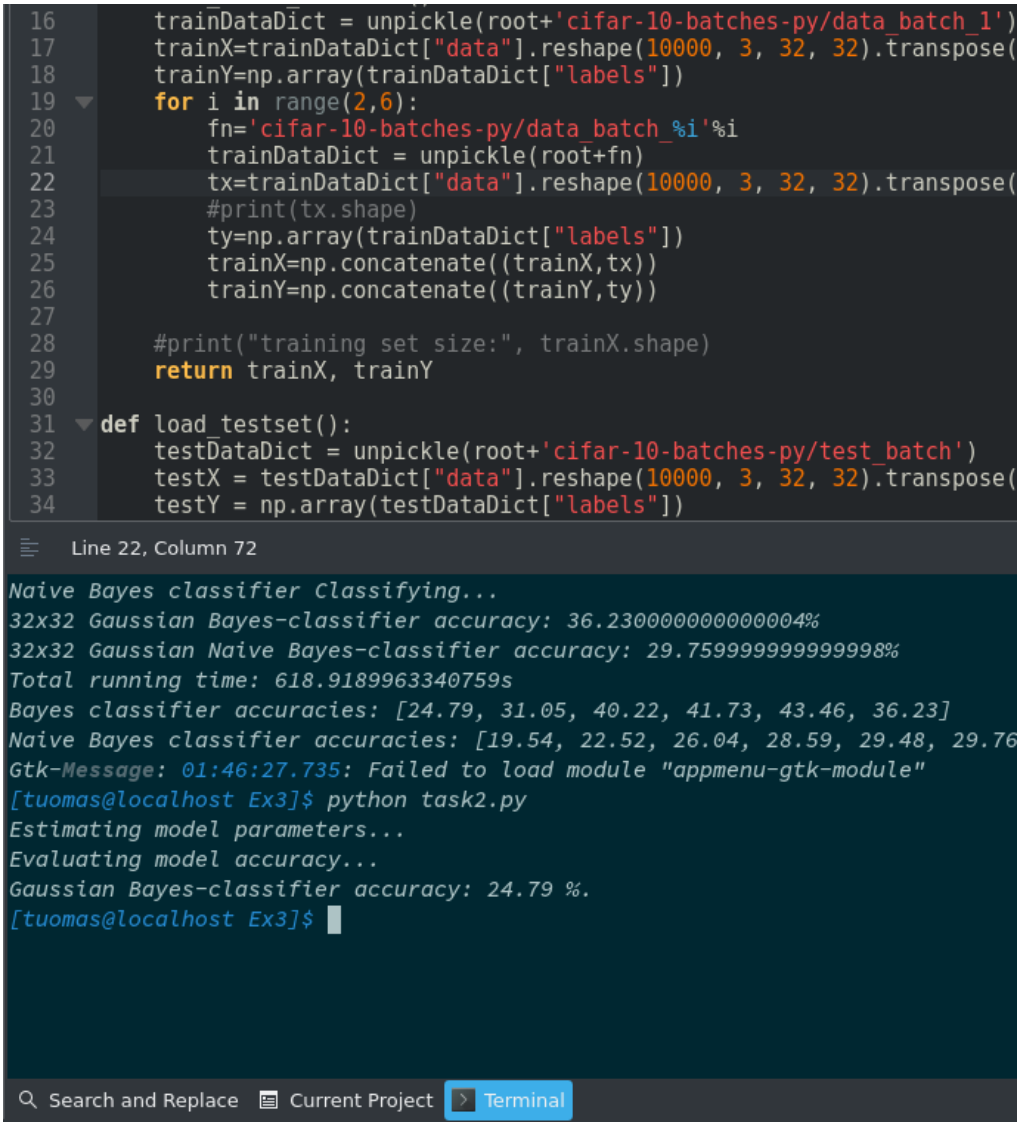
DATA.ML.100 – Exercises 3

CIFAR-10 – Bayesian classifier (better) (20 points)

Screenshot that summaries the results:



So the accuracy that I got for Bayesian classifier and 1x1 images were 24.79%. Slightly better than Naive Bayes implementation, where we assumed that values of color channels (rgb) were independent of each other (which clearly is not the case in real applications).