#18.3

#Training Naive Bayes Classifier for Binary Features

#load libraries

from sklearn.naive\_bayes import BernoulliNB

import numpy as np

# Create features

features = np.random.randint(2, size=(100,3))

# Create target

target = np.random.randint(2, size=(100,1)).ravel()

#create bernoulli naive bayes obj

classifier = BernoulliNB(class\_prior =[0.25, 0.5])

#Train Model

model = BernoulliNB(class\_prior=None, fit\_prior=True)

print(model)