ASSIGNMENT-11

TITLE : NAIVE BAYES CLASSIFIER

AIM: Perform performance measure using simple naive bayes along with accuracy

THEORY:

• NAIVE BAYES CLASSIFIER :

It is based on Baysian theorem & is partially suited when dimensionality of dataset.

$$\text{probability of green} = \frac{\text{no. of green balls}}{\text{total no. of objects}}$$

$$\text{probability of red} = \frac{\text{no. of red balls}}{\text{total no. of objects}}$$

CONCLUSION:
Thus we learnt Naive Bayes classifier & implemented it.