ASSIGNMENT - 12

AIM : Principal component Analysis, finding principal component, variance, std. deviation.

OBJECTIVE : To study PCA for any dataset.

THEORY :

- **PRINCIPAL COMPONENT ANALYSIS :**

- In simple words, PCA is a method of extracting important variables available from large set of variables available in a set.

- It extracts low dimensional set of features from a motive to capture as much info. as possible, with fewer variable, visualisation also becomes because much more useful when dealing with high dimensional data.

CONCLUSION :
Thus we have learnt & implemented PCA