**LAB # 03**

**HOME TASK**

**K-NEAREST NEIGHBOR (KNN) ALGORITHM**

**OBJECTIVE**

Implementing K-Nearest Neighbor (KNN) algorithm to classify the data set.

**Question**: Using the K-Nearest Neighbors (KNN) algorithm, predict whether a student will pass or fail based on their study hours, attendance percentage, and participation in extra-curricular activities.

**Solution**:





