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With the help of the Jupiter notebook we integrated the given dataset where we have the input reader text where we follow the instructions . We didn't used any inbuilt python libraries as per the given instructions. Compilation is very easy with the help of the jupyternotebook, and every task is filed separately as the per the given instruction.

We have two tasks to do were the we have two data sets were train_np ,test_np and large_np.Read the input data set. Calculating the Euclidean distance for given train data set and test data set, sorting the Euclidean distances in ascending order. Finding the k nearest neighbor Read the input data set. Calculating the Manhattan distance for given train data set and test data set. sorting the Manhattan distances in ascending order. Finding the k nearest neighbor Read the input data set, Calculating the Minkowski distance for given train data set and test data set, sorting the Minkowski distances in ascending order. Finding the k nearest neighbor. Read the input data set, Calculating the Euclidean distance for given train data set and test data set, sorting the Euclidean distances in ascending order, Finding the k nearest neighbor. Calculating the Accuracy.

task– 2a: Read the input data set, Calculating the Euclidean distance for given train data set and test data set, sorting the Euclidean distances in ascending order, Finding the k nearest neighbor. Read the input data set, Calculating the Manhattan distance for given train data set and test data set, sorting the Manhattan distances in ascending order. Finding the k nearest neighbor. Read the input data set, Calculating the Minkowski distance for given train data set and test data set, sorting the Minkowski distances in ascending order, Finding the k nearest neighbor**.** Read the input data set, Calculating the Euclidean distance for given train data set and test data set, sorting the Euclidean distances in ascending order ,Finding the k nearest neighbor, Calculating the Accuracy