PRACTICAL-3

Retrieve Superstep

```
import os
import pandas as pd
InputFileName = '/content/IP_DATA_ALL.csv'
IP_DATA_ALL=pd.read_csv(InputFileName,header=0,low_memory=False,
usecols=['Country','Place.Name','Latitude','Longitude'])
```

IP_DATA_ALL.rename(columns={'Place.Name': 'Place_Name'}, inplace=True)
ROUTERLOC = IP_DATA_ALL.drop_duplicates(subset=None, keep='first', inplace=False)

print('Rows :',ROUTERLOC.shape[0])
print('Columns :',ROUTERLOC.shape[1])
newFile = '/content/Retrieve_Router_Location.csv'
ROUTERLOC.to_csv(newFile, index = False)
print('Done...!')

Output:

Rows: 101376 Columns: 4 Done...!