In [2]:

```
import json
path=open(r"C:\Users\SaikumarGanji\Downloads\airports.json")
data = json.load(path)
print(data)
```


'country': 'Turkey', 'woeid': '12517893', 'tz': 'Europe/Istanbul', 'phon
e': '', 'type': 'Airports', 'email': '', 'url': '', 'runway_length': '770
0', 'elev': '412', 'icao': 'LTBJ', 'direct_flights': '37', 'carriers': '1
0'}, {'code': 'ADD', 'lat': '8.9783', 'lon': '38.8011', 'name': 'Bole Int
ernational Airport', 'city': 'Addis Ababa', 'state': 'Debub Shewa', 'coun
try': 'Ethiopia', 'woeid': '12512758', 'tz': 'Africa/Addis_Ababa', 'phon
e': '', 'type': 'Airports', 'email': '', 'url': '', 'runway_length': '121
39', 'elev': '7625', 'icao': 'HAAB', 'direct_flights': '43', 'carriers':
'25'}, {'code': 'ADE', 'lat': '12.8278', 'lon': '45.0306', 'name': 'Aden
International Airport', 'city': 'Ash Shaykh Uthman', 'state': '`Adan', 'c
ountry': 'Yemen', 'woeid': '12522998', 'tz': 'Asia/Aden', 'phone': '', 't
ype': 'Airports', 'email': '', 'url': '', 'runway_length': '10270', 'ele
v': '12', 'icao': 'OYAA', 'direct_flights': '15', 'carriers': '8'}, {'cod
e': 'ADF', 'lat': '37.8099', 'lon': '38.3357', 'name': 'Adiyaman Airpor
t', 'city': 'Adiyaman', 'state': 'Adıyaman', 'country': 'Turkey', 'woei
d': '2347259', 'tz': 'Europe/Istanbul', 'phone': '', 'type': 'Airports',
'email': '', 'url': '', 'runway_length': None, 'elev': None, 'icao': 'LTA
G', 'direct_flights': '2', 'carriers': '1'}, {'code': 'ADJ', 'lat': '31.9
73', 'lon': '35.9822', 'name': 'Al Matar Airport', 'city': 'Amman', 'stat

In [4]:

```
list=[]
for c in data:
    c["code"]=c["code"] or "empty"
    c["lat"]=c["lat"] or "0.0"
    c["lon"]=c["lon"] or "0.0"
    c["name"]=c["name"] or "empty"
    c["city"]=c["city"] or "empty"
    c["state"]=c["state"] or "empty"
    c["country"]=c["country"] or "empty"
    c["woeid"]=c["woeid"] or "0"
    c["tz"]=c["tz"] or "empty"
    c["phone"]=c["phone"] or "0"
    c["type"]=c["type"] or "empty"
    c["email"]=c["email"] or "empty"
    c["url"]= c["url"] or "empty"
    c["runway_length"]=c["runway_length"] or "0"
    c["elev"]=c["elev"] or "0"
    c["icao"]=c["icao"] or "empty"
    c["direct_flights"]=c["direct_flights"] or "0"
    c["carriers"]= c["carriers"] or "0"
    list.append(c)
print(list)
```

```
[{'code': 'AAA', 'lat': '-17.3595', 'lon': '-145.494', 'name': 'Anaa Airp
ort', 'city': 'Anaa', 'state': 'Tuamotu-Gambier', 'country': 'French Poly
nesia', 'woeid': '12512819', 'tz': 'Pacific/Midway', 'phone': '0.0', 'typ
e': 'Airports', 'email': 'empty', 'url': 'empty', 'runway_length': '492
1', 'elev': '7', 'icao': 'NTGA', 'direct_flights': '2', 'carriers': '1'},
{'code': 'AAE', 'lat': '36.8236', 'lon': '7.8103', 'name': 'El Mellah Air
port', 'city': 'El Tarf', 'state': 'Annaba', 'country': 'Algeria', 'woei
d': '12510325', 'tz': 'Africa/Algiers', 'phone': '0.0', 'type': 'Airport
s', 'email': 'empty', 'url': 'empty', 'runway_length': '9843', 'elev': '1
6', 'icao': 'DABB', 'direct_flights': '6', 'carriers': '2'}, {'code': 'AA
L', 'lat': '57.0952', 'lon': '9.85606', 'name': 'Aalborg Airport', 'cit
y': 'Norresundby', 'state': 'Nordjylland', 'country': 'Denmark', 'woeid':
'12512587', 'tz': 'Europe/Copenhagen', 'phone': '0.0', 'type': 'Airport
s', 'email': 'empty', 'url': 'http://www.aal.dk/', 'runway_length': '870
0', 'elev': '10', 'icao': 'EKYT', 'direct_flights': '7', 'carriers': '1
0'}, {'code': 'AAM', 'lat': '-24.8', 'lon': '31.5333', 'name': 'Mala Mal
a', 'city': 'Mala Mala', 'state': 'empty', 'country': 'South Africa', 'wo
eid': '55921381', 'tz': 'Africa/Johannesburg', 'phone': '0.0', 'type': 'A
irports', 'email': 'empty', 'url': 'empty', 'runway_length': '4420', 'ele
```

In [ ]:

In [ ]:

```
#CREATING TABLES
```

In [1]:

```
import cx_Oracle


try:

    con = cx_Oracle.connect('saikdb/root@localhost:1521/xe')
    print(con.version)


    cursor = con.cursor()

    cursor.execute("create table airport2(code varchar2(30),lat float,lon float,name varcha

    print("Table Created successfully")

except cx_Oracle.DatabaseError as e:
    print("Table not created", e)

finally:
    if cursor:
        cursor.close()
    if con:
        con.close()
```

```
11.2.0.2.0
Table Created successfully
```

In [ ]:

```

```

In [2]:

```
import cx_Oracle


try:

    con = cx_Oracle.connect('saikdb/root@localhost:1521/xe')
    print(con.version)


    cursor = con.cursor()

    cursor.execute("create table flight_weathers1(id int,month int,dayofmonth int,dayofweek

    print("Table Created successfully")

except cx_Oracle.DatabaseError as e:
    print("Table not created", e)

finally:
    if cursor:
        cursor.close()
    if con:
        con.close()
```

```
11.2.0.2.0
Table Created successfully
```

In [ ]:

```
#CONVERTING JSON FILES TO CSV
```

In [ ]:

```
import pandas as pd
df=pd.read_json(r"C:\Users\SaikumarGanji\Downloads\airports1.json")
df.to_csv(r"C:\Users\SaikumarGanji\Documents\air2.csv")
```

In [ ]:

```

```