In [6]:
```python
import json
path = open('D:\\github repo\\python\\airports.json', 'r', encoding="utf-8")
df = json.load(path)
my_list=[]
for i in df["details"]:
    for m,n in i.items():
        if (n==''):
            if (m=='name'):
                d[m]="BLANK"
            elif (m=='class') :
                d[m]='0'
            elif (m=='marks'):
                d[m]='0.0'
    my_list.append(i)
df['details']=my_list
print(my_list)
```

```
---------------------------------------------------------------------------
TypeError                                 Traceback (most recent call last)
C:\Users\PRATIK~1\AppData\Local\Temp/ipykernel_19960/4267045934.py in <module>
      3 df = json.load(path)
      4 my_list=[]
----> 5 for i in df["details"]:
      6     for m,n in i.items():
      7         if (n==''):

TypeError: list indices must be integers or slices, not str
```

In [7]:
```python
import json
path = ('D:\github repo\python\airports.json', 'r', encoding='utf-8')
my_list = []
for d in df['details']:
    d['name'] = d['name'] or 'BLANK'
    d['class'] = d['class'] or '0'
    d['marks'] = d['marks'] or '0.0'
    my_list.append(d)
print(my_list)
```

```
  File "C:\Users\PRATIK~1\AppData\Local\Temp/ipykernel_19960/882418136.py", line 2
    path = ('D:\github repo\python\airports.json', 'r', encoding='utf-8')
                                                                        ^
SyntaxError: invalid syntax
```

In [7]:
```python
# import json
# path = open('D:\\github repo\\python\\airports.json')
# df = json.load(path)

# def jsfile(d):
#     d1={}
#     for i in d.keys():
#         if d[i]=="":
#             d1[i]='BLANK'
#         elif d[i]==None:
#             d1[i]=0
#         else:
#             d1[i]=d[i]
#     return d1


# L=[]
# for n in df:
#     L.append(jsfile(n))
# print(L)
```

In [8]:
```python
import json
path = open('D:\\github repo\\python\\airports.json')
df = json.load(path)
my_list = []
for d in df:
    d['code'] = d['code'] or 'BLANK'
    d['lat'] = d['lat'] or '0.0'
    d['lon'] = d['lon'] or '0.0'
    d['name'] = d['name'] or 'BLANK'
    d['city'] = d['city'] or 'BLANK'
    d['state'] = d['state'] or 'BLANK'
    d['country'] = d['country'] or 'BLANK'
    d['woeid'] = d['woeid'] or '0'
    d['tz'] = d['tz'] or 'BLANK'
    d['phone'] = d['phone'] or '0'
    d['type'] = d['type'] or 'BLANK'
    d['email'] = d['email'] or 'BLANK'
    d['url'] = d['url'] or 'BLANK'
    d['runway_length'] = d['runway_length'] or '0'
    d['elev'] = d['elev'] or '0'
    d['icao'] = d['icao'] or 'BLANK'
    d['direct_flights'] = d['direct_flights'] or '0'
```

```
        d['carriers'] = d['carriers'] or '0'
        my_list.append(d)
    print(my_list)
```

[{'code': 'AAA', 'lat': '0.0', 'lon': '-145.494', 'name': 'Anaa Airport', 'city': 'Anaa', 'state': 'Tuamotu-Gambier', 'country': 'French Polynesia', 'woeid': '12512819', 'tz': 'Pacific/Midway', 'phone': '0', 'type': 'Airports', 'email': 'BLANK', 'url': 'BLANK', 'runway_length': '4921', 'elev': '7', 'icao': 'NTGA', 'direct_flights': '2', 'carriers': '1'}, {'code': 'AAE', 'lat': '36.8236', 'lon': '7.8103', 'name': 'El Mellah Airport', 'city': 'El Tarf', 'state': 'Annaba', 'country': 'Algeria', 'woeid': '12510325', 'tz': 'Africa/Algiers', 'phone': '0', 'type': 'Airports', 'email': 'BLANK', 'url': 'BLANK', 'runway_length': '9843', 'elev': '16', 'icao': 'DABB', 'direct_flights': '6', 'carriers': '2'}, {'code': 'AAL', 'lat': '57.0952', 'lon': '9.85606', 'name': 'Aalborg Airport', 'city': 'Norresundby', 'state': 'Nordjylland', 'country': 'Denmark', 'woeid': '12512587', 'tz': 'Europe/Copenhagen', 'phone': '0', 'type': 'Airports', 'email': 'BLANK', 'url': 'http://www.aal.dk/', 'runway_length': '8700', 'elev': '10', 'icao': 'EKYT', 'direct_flights': '7', 'carriers': '10'}, {'code': 'AAM', 'lat': '-24.8', 'lon': '31.5333', 'name': 'Mala Mala', 'city': 'Mala Mala', 'state': 'BLANK', 'country': 'South Africa', 'woeid': '55921381', 'tz': 'Africa/Johannesburg', 'phone': '0', 'type': 'Airports', 'email': 'BLANK', 'url': 'BLANK', 'runway_length': '4420', 'elev': '1200', 'icao': 'FAMD', 'direct_flights': '1', 'carriers': '1'}, {'code': 'AAN', 'lat': '24.25', 'lon': '55.75', 'name': 'Al Ain Airport', 'city': 'Ayn al Faydah', 'state': 'Abu Dhabi', 'country': 'United Arab Emirates', 'woeid': '12523371', 'tz': 'Asia/Dubai', 'phone': '0', 'type': 'Airports', 'email': 'BLANK', 'url': 'BLANK', 'runway_length': '0', 'elev': '0', 'icao': 'OMAL', 'direct_flights': '12', 'carriers': '9'}, {'code': 'AAQ', 'lat': '44.9', 'lon': '37.3167', 'name': 'Olkhovka Airport', 'city': 'Novorossiysk', 'state': 'Krasnodarskiy Kray', 'country': 'Russia', 'woeid': '12516605', 'tz': 'Europe/Moscow', 'phone': '0', 'type': 'Airports', 'email': 'BLANK', 'url': 'BLANK', 'runway_length': '0', 'elev': '0', 'icao': 'URKA', 'direct_flights': '24', 'carriers': '15'}, {'code': 'AAR', 'lat': '56.3088', 'lon': '10.6154', 'name': 'Tirstrup Airport', 'city': 'Kolind', 'state': 'Midtjylland', 'country': 'Denmark', 'woeid': '12512604', 'tz': 'Europe/Copenhagen', 'phone': '+45 8775 7000',
```

In [5]: import json
        path = open('D:\\github repo\\python\\airports.json')
        df = json.load(path)
        my_list = []
        for d in df:
            d['code'] = d['code'] or 'BLANK'
            d['lat'] = d['lat'] or '0.0'
            d['lon'] = d['lon'] or '0.0'
            d['name'] = d['name'] or 'BLANK'
            d['city'] = d['city'] or 'BLANK'
            d['state'] = d['state'] or 'BLANK'
            d['country'] = d['country'] or 'BLANK'
            d['woeid'] = d['woeid'] or '0'
            d['tz'] = d['tz'] or 'BLANK'
            d['phone'] = d['phone'] or '0'
            d['type'] = d['type'] or 'BLANK'
            d['email'] = d['email'] or 'BLANK'
            d['url'] = d['url'] or 'BLANK'
            d['runway_length'] = d['runway_length'] or '0'
            d['elev'] = d['elev'] or '0'
            d['icao'] = d['icao'] or 'BLANK'
            d['direct_flights'] = d['direct_flights'] or '0'
            d['carriers'] = d['carriers'] or '0'
            my_list.append(d)
        print(my_list)
```

[{'code': 'AAA', 'lat': '-17.3595', 'lon': '-145.494', 'name': 'Anaa Airport', 'city': 'Anaa', 'state': 'Tuamotu-Gambier', 'country': 'French Polynesia', 'woeid': '12512819', 'tz': 'Pacific/Midway', 'phone': '0', 'type': 'Airports', 'email': 'BLANK', 'url': 'BLANK', 'runway_length': '4921', 'elev': '7', 'icao': 'NTGA', 'direct_flights': '2', 'carriers': '1'}, {'code': 'AAE', 'lat': '36.8236', 'lon': '7.8103', 'name': 'El Mellah Airport', 'city': 'El Tarf', 'state': 'Annaba', 'country': 'Algeria', 'woeid': '12510325', 'tz': 'Africa/Algiers', 'phone': '0', 'type': 'Airports', 'email': 'BLANK', 'url': 'BLANK', 'runway_length': '9843', 'elev': '16', 'icao': 'DABB', 'direct_flights': '6', 'carriers': '2'}, {'code': 'AAL', 'lat': '57.0952', 'lon': '9.85606', 'name': 'Aalborg Airport', 'city': 'Norresundby', 'state': 'Nordjylland', 'country': 'Denmark', 'woeid': '12512587', 'tz': 'Europe/Copenhagen', 'phone': '0', 'type': 'Airports', 'email': 'BLANK', 'url': 'http://www.aal.dk/', 'runway_length': '8700', 'elev': '10', 'icao': 'EKYT', 'direct_flights': '7', 'carriers': '10'}, {'code': 'AAM', 'lat': '-24.8', 'lon': '31.5333', 'name': 'Mala Mala', 'city': 'Mala Mala', 'state': 'BLANK', 'country': 'South Africa', 'woeid': '55921381', 'tz': 'Africa/Johannesburg', 'phone': '0', 'type': 'Airports', 'email': 'BLANK', 'url': 'BLANK', 'runway_length': '4420', 'elev': '1200', 'icao': 'FAMD', 'direct_flights': '1', 'carriers': '1'}, {'code': 'AAN', 'lat': '24.25', 'lon': '55.75', 'name': 'Al Ain Airport', 'city': 'Ayn al Faydah', 'state': 'Abu Dhabi', 'country': 'United Arab Emirates', 'woeid': '12523371', 'tz': 'Asia/Dubai', 'phone': '0', 'type': 'Airports', 'email': 'BLANK', 'url': 'BLANK', 'runway_length': '0', 'elev': '0', 'icao': 'OMAL', 'direct_flights': '12', 'carriers': '9'}, {'code': 'AAQ', 'lat': '44.9', 'lon': '37.3167', 'name': 'Olkhovka Airport', 'city': 'Novorossiysk', 'state': 'Krasnodarskiy Kray', 'country': 'Russia', 'woeid': '12516605', 'tz': 'Europe/Moscow', 'phone': '0', 'type': 'Airports', 'email': 'BLANK', 'url': 'BLANK', 'runway_length': '0', 'elev': '0', 'icao': 'URKA', 'direct_flights': '24', 'carriers': '15'}, {'code': 'AAR', 'lat': '56.3088', 'lon': '10.6154', 'name': 'Tirstrup Airport', 'city': 'Kolind', 'state': 'Midtjylland', 'country': 'Denmark', 'woeid': '12512604', 'tz': 'Europe/Copenhagen', 'phone': '+45 8775 7000',
```

In [9]: import json
        path = open('D:\\github repo\\python\\airports.json')
        df = json.load(path)
        my_list = []
        for d in df:
            d['code'] = d['code'] or 'BLANK'
            d['lat'] = d['lat'] or '0.0'
            d['lon'] = d['lon'] or '0.0'
            d['name'] = d['name'] or 'BLANK'
            d['city'] = d['city'] or 'BLANK'
            d['state'] = d['state'] or 'BLANK'
            d['country'] = d['country'] or 'BLANK'
            d['woeid'] = d['woeid'] or '0'
            d['tz'] = d['tz'] or 'BLANK'
            d['phone'] = d['phone'] or '0'
            d['type'] = d['type'] or 'BLANK'
            d['email'] = d['email'] or 'BLANK'
            d['url'] = d['url'] or 'BLANK'
            d['runway_length'] = d['runway_length'] or '0'
            d['elev'] = d['elev'] or '0'
            d['icao'] = d['icao'] or 'BLANK'
            d['direct_flights'] = d['direct_flights'] or '0'
            d['carriers'] = d['carriers'] or '0'
            my_list.append(d)
        print(my_list)
```

[{'code': 'AAA', 'lat': '0.0', 'lon': '-145.494', 'name': 'Anaa Airport', 'city': 'Anaa', 'state': 'Tuamotu-Gambier', 'country': 'French Polynesia', 'woeid': '12512819', 'tz': 'Pacific/Midway', 'phone': '0', 'type': 'Airports', 'email': 'BLANK', 'url':

l': 'BLANK', 'runway_length': '4921', 'elev': '7', 'icao': 'NTGA', 'direct_flights': '2', 'carriers': '1'}, {'code': 'AAE', 'lat': '36.8236', 'lon': '7.8103', 'name': 'El Mellah Airport', 'city': 'El Tarf', 'state': 'Annaba', 'country': 'Algeria', 'woeid': '12510325', 'tz': 'Africa/Algiers', 'phone': '0', 'type': 'Airports', 'email': 'BLANK', 'url': 'BLANK', 'runway_leng th': '9843', 'elev': '16', 'icao': 'DABB', 'direct_flights': '6', 'carriers': '2'}, {'code': 'AAL', 'lat': '57.0952', 'lon': '9.85606', 'name': 'Aalborg Airport', 'city': 'Norresundby', 'state': 'Nordjylland', 'country': 'Denmark', 'woeid': '1251258 7', 'tz': 'Europe/Copenhagen', 'phone': '0', 'type': 'Airports', 'email': 'BLANK', 'url': 'http://www.aal.dk/', 'runway_lengt h': '8700', 'elev': '10', 'icao': 'EKYT', 'direct_flights': '7', 'carriers': '10'}, {'code': 'AAM', 'lat': '-24.8', 'lon': '3 1.5333', 'name': 'Mala Mala', 'city': 'Mala Mala', 'state': 'BLANK', 'country': 'South Africa', 'woeid': '55921381', 'tz': 'A frica/Johannesburg', 'phone': '0', 'type': 'Airports', 'email': 'BLANK', 'url': 'BLANK', 'runway_length': '4420', 'elev': '12 00', 'icao': 'FAMD', 'direct_flights': '1', 'carriers': '1'}, {'code': 'AAN', 'lat': '24.25', 'lon': '55.75', 'name': 'Al Ain Airport', 'city': 'Ayn al Faydah', 'state': 'Abu Dhabi', 'country': 'United Arab Emirates', 'woeid': '12523371', 'tz': 'Asia/ Dubai', 'phone': '0', 'type': 'Airports', 'email': 'BLANK', 'url': 'BLANK', 'runway_length': '0', 'elev': '0', 'icao': 'OMA L', 'direct_flights': '12', 'carriers': '9'}, {'code': 'AAQ', 'lat': '44.9', 'lon': '37.3167', 'name': 'Olkhovka Airport', 'c ity': 'Novorossiysk', 'state': 'Krasnodarskiy Kray', 'country': 'Russia', 'woeid': '12516605', 'tz': 'Europe/Moscow', 'phon e': '0', 'type': 'Airports', 'email': 'BLANK', 'url': 'BLANK', 'runway_length': '0', 'elev': '0', 'icao': 'URKA', 'direct_fli ghts': '24', 'carriers': '15'}, {'code': 'AAR', 'lat': '56.3088', 'lon': '10.6154', 'name': 'Tirstrup Airport', 'city': 'Koli nd', 'state': 'Midtjylland', 'country': 'Denmark', 'woeid': '12512604', 'tz': 'Europe/Copenhagen', 'phone': '+45 8775 7000',