In [32]:
```
import numpy as np
import pandas as pd
import matplotlib as mlp
import matplotlib.pyplot as plt
```

In [2]:
```
destination_data = pd.read_csv('holiday.csv')
destination_data
```

Out[2]:

	Destinations	Score	Hotel_Rating	All_inclusive_hotels	Most_visited_city
0	Spain	7	4	15000	Alicante
1	Italy	5	4	15158	Milan
2	Netherlands	6	3	12358	Amsterdam
3	Jamaica	8	4	1288	Ocho_Rios
4	Morocco	2	1	7595	Casablanca
5	Egypt	1	2	3092	Cairo
6	South Africa	9	4	15000	Johannesburg
7	Nigeria	5	3	11683	Lagos
8	Florida	10	5	8578	Miami
9	Mexico	10	5	15000	Cancun
10	Cuba	4	3	5208	Havana
11	Brazil	3	3	15000	Rio_De_Janeiro
12	Portugal	9	4	15000	Albufeira
13	Germany	3	3	15000	Frankfurt
14	South Sudan	3	2	8	Juba

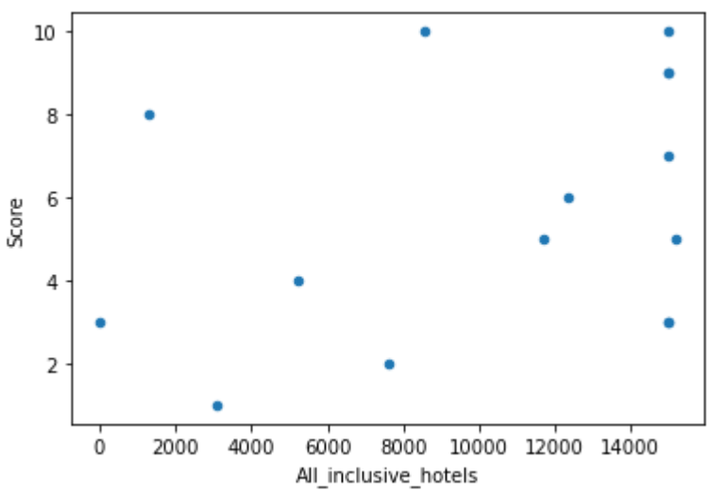
In [ ]:
```
#Is there a correlation between number of all-inclusive hotels and score?
```

destination_data.plot(kind="scatter", x='All_inclusive_hotels', y='Score')

In [ ]:
```
#Create a data visualisation diagram to show destination and highest scores.
```

In [14]:
```
destination_data.plot(kind="scatter", x='All_inclusive_hotels', y='Score')
```

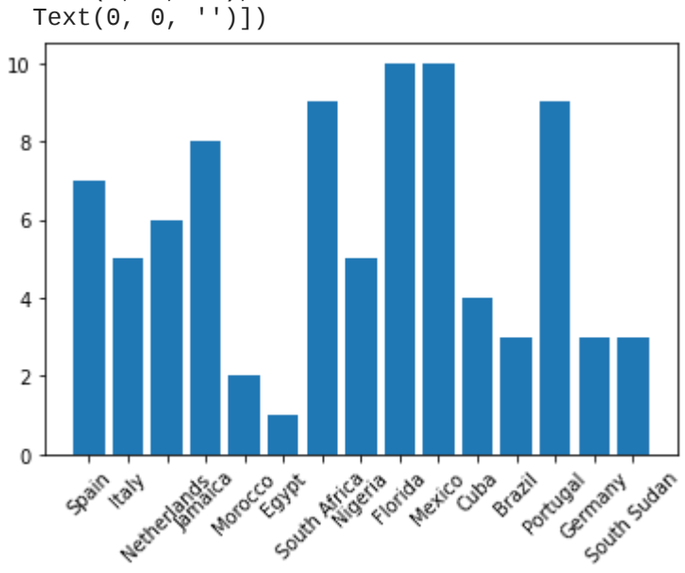
Out[14]:
```
<AxesSubplot:xlabel='All_inclusive_hotels', ylabel='Score'>
```



In [ ]:
```
```

In [48]:
```
plt.bar(x=destination_data['Destinations'], height=destination_data['Score'])
plt.xticks(rotation=45)
```

Out[48]:
```
([0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14],
 [Text(0, 0, ''),
  Text(0, 0, ''),
  Text(0, 0, ''),
  Text(0, 0, ''),
  Text(0, 0, ''),
  Text(0, 0, ''),
  Text(0, 0, ''),
  Text(0, 0, ''),
  Text(0, 0, ''),
  Text(0, 0, ''),
  Text(0, 0, ''),
  Text(0, 0, ''),
  Text(0, 0, ''),
  Text(0, 0, ''),
  Text(0, 0, '')])
```



In [ ]:
```
```