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1. باستخدام Match وقائمة الموظفين والمكاتب التي بالأسفل،
سنقوم بعمل برنامج يتفاعل مع المستخدم بالطريقة التالية

```
Enter the name of the office: egypt
```

```
The employees in EGYPT are: Islam Mahfouz, Mohamed Mesilhy, Hatem Elmaghraby and Kareem Embaby
```

```
Enter the name of the office: ksa
```

```
The employees in KSA are: Mohamed Gouda, Ayman Hamed, Seif Ali and Adham Wael
```

```
Enter the name of the office: usa  
Not found
```

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قائمة بأسماء الموظفين ومكاتبهم

```
# Employees and their offices
cairo = ['Islam Mahfouz', 'Mohamed Mesilhy',
        'Hatem Elmaghraby', 'Kareem Embaby']

riyadh = ['Mohamed Gouda', 'Ayman Hamed',
         'Seif Ali', 'Adham Wael']

casablanca = ['Ahmed Ashraf', 'Abd El-Rahman Mahrous',
              'Islam Sheta', 'Mohamed Medhat', 'Mahmoud Nasser']

dubai= ['Ahmed Alaa', 'Kareem Abd-Elmeged',
        'Osama Ashraf', 'Mohamed Mostafa', 'Ahmed Bedeir']
```

ملحوظة في البرنامج الخاص بنا سيتعرف على القيم التالية على أنها نفس الشيء، فسيكون القاهرة هي نفسها مصر، والرياض هي نفسها السعودية وهكذا

```
Cairo = Egypt
Riyadh = Saudi Arabia = KSA
Casablanca = Morocco
Dubai = UAE
```

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يمكنك إذا لم تصل للإجابة، أن تحاول مرة أخرى بمساعدة الخطوات التالية

```
# Employees and their offices

# get the name of the office

# check the office name and print the employees

# check if the office is found

    # make a string of the employees

    # print the employees
```

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```
{//}
```

```
# Employees and their offices
cairo = ['Islam Mahfouz', 'Mohamed Mesilhy', 'Hatem Elmaghraby', 'Kareem Embaby']
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# get the name of the office
office = input('Enter the name of the office: ').lower()

# check the office name and print the employees
match office:
    case 'cairo' | 'egypt':
        employees = cairo
    case 'riyadh' | 'saudi arabia' | 'ksa':
        employees = riyadh
    case 'casablanca' | 'morocco':
        employees = casablanca
    case 'dubai' | 'uae':
        employees = dubai
    case _:
        employees = False
        print('Not found')

# check if the office is found
if employees:
    # make a string of the employees
    employees_str = ', '.join(employees[:-1]) + ' and ' + employees[-1]

    # print the employees
    print(f'The employees in {office.upper()} are: {employees_str}.')
```

{codezi//a}