**依姓名排序聯絡方式**

**目的:**能按照「姓->名」來排序的聯絡人名單list,並將之印出來

**程式碼:**

people=[

('Joe','Biden','president@usa.gov'),

('Emmanuel','Macron','president@france.gov'),

('Justin','Trudeau','president@canada.gov'),

('Angela','Merkel','president@germany.gov'),

('Jacinda','Arden','president@newzealand.gov')

]

information=**lambda n:(n[1],n[0])**

for i in sorted(people,key=information):

print(f'{i[1]},{i[0]}:{i[2]}')

**在sorted()使用lambda函式 : 函式 = labda 參數 : 運算式**

sqrt = lambda n:n\*\*0.5

print(sqrt(16)) # 4

**延伸技巧:使用operator.itemgetter()取代lambda**

operator用法

import operator

d = [1,2,3,4,5]

select1 = operator.itemgetter(2)

select2 = operator.itemgetter(4,1)

print( select1(d) ) # 3

print( select2(d) ) # (5,2)

**程式碼:**

**import operator**

people=[

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('Jacinda','Arden','president@newzealand.gov')

]

for i in sorted(people**,key=operator.itemgetter(1,0)**):

print(f'{i[1]},{i[0]}:{i[2]}')