Python-因數

def factor\_number(num):

h=1

count\_number=0

q=[]

for count in range(num):

a=num/h

if(a==int(a)):

q.append(h)

count\_number= count\_number+1

h=h+1

print(q)

if(count\_number==2):

print(‘It is crime number’)

Python-最大公因數(公因數)

def least\_common\_factor(num\_1,num\_2):

h=1

q=[]

count\_number=0

if(num\_1>num\_2):

while(h<=num\_2):

j=num\_1/h

k=num\_2/h

if((j==int(j)) and (k==int(k))):

q.append(h)

count\_number= count\_number+1

h=h+1

else:

while(h<=num\_1):

j=num\_1/h

k=num\_2/h

if((j==int(j)) and (k==int(k))):

q.append(h)

count\_number= count\_number+1

h=h+1

print(q)

if(count\_number==1):

print(‘它們互質’)