a01.py

0927 > a01.py

```python
#註解

'''
註解
'''
print('hello')
```

a02.py

0927 > a02.py

```python
print('請輸入:')
a = input("input:")
print('你輸入的是:',a)
```

a03.py

0927 > a03.py

```
1  print('請輸入1:')
2  a = int(input("input:"))
3  print('請輸入2:')
4  b = int(input("input:"))
5  print('加總:',a+b)
6
```

a04.py

0927 > a04.py

```
1  import random
2
3  print(random.randint(3, 9))
```

a05.py

0927 > a05.py

```python
import random

a=random.randint(0, 10)
if a>=5:
    print(a)
    print('>=5')
else:
    print(a)
    print('<5')

```

a06.py

0927 > a06.py

```python
import random

a=random.randint(0, 15)
if a>=0 and a<=5:
    print(a)
    print('0-5')
elif a>=6 and a<=8:
    print(a)
    print('6-8')
else:
    print(a)
    print('9-15')

```

a07.py

0927 > a07.py

```python
import random

a=random.randint(0, 10)
b=random.randint(0, 10)
c=a+b
print(a,'+',b,'=?')
d=int(input("輸入:"))
if c==d:
    print('YES')
else:
    print('NO')

```

a08.py

0927 > a08.py

```python
count = 0
while (count < 9):
    print ('The count is:', count)
    count = count + 1

print ("Good bye!")
```

a09.py

0927 > a09.py

```python
for letter in 'Python':
    print("字母: %s" % letter)

fruits = ['banana', 'apple',  'mango']
for fruit in fruits:
    print ('水果: %s'% fruit)

print ("Good bye!")
```

a10.py

0927 > a10.py

```
1  fruits = ['banana', 'apple',  'mango']
2  for index in range(len(fruits)):
3      print ('水果 : %s' % fruits[index])
4
5  print ("Good bye!")
```

a11.py

0927 > a11.py

```
1  list1 = ['physics', 'chemistry', 1997, 2000]
2  list2 = [1, 2, 3, 4, 5, 6, 7 ]
3
4  print ("list1[0]: ", list1[0])
5  print ("list2[1:5]: ", list2[1:5])
```

a12.py

0927 > a12.py

```
1  list = []
2  list.append('Google')
3  list.append('Runoob')
4  print (list)
```

a13.py

0927 > a13.py

```
1  list1 = ['physics', 'chemistry', 1997, 2000]
2
3  print (list1)
4  del list1[2]
5  print (list1)
```

a14.py

0927 > a14.py

```
1  tup1 = ('physics', 'chemistry', 1997, 2000)
2  tup2 = (1, 2, 3, 4, 5, 6, 7 )
3
4  print ("tup1[0]: ", tup1[0])
5  print ("tup2[1:5]: ", tup2[1:5])
```

a15.py

0927 > a15.py

```python
tup1 = (12, 34.56)
tup2 = ('abc', 'xyz')

# 元组中的元素是不允許修改
# tup1[0] = 100

# 建立一個新的元组
tup3 = tup1 + tup2
print (tup3)
```

a16.py

0927 > a16.py

```python
tup = ('physics', 'chemistry', 1997, 2000)

print (tup)
del tup

print (tup)
```

a17.py

0927 > a17.py

```python
tinydict = {'Name': 'Zara', 'Age': 7, 'Class': 'First'}

print ("tinydict['Name']: ", tinydict['Name'])
print ("tinydict['Age']: ", tinydict['Age'])
```

a18.py

0927 > a18.py

```python
tinydict = {'Name': 'Zara', 'Age': 7, 'Class': 'First'}

tinydict['Age'] = 8
tinydict['School'] = "RUNOOB"


print ("tinydict['Age']: ", tinydict['Age'])
print ("tinydict['School']: ", tinydict['School'])
```

a19.py

0927 > a19.py

```python
tinydict = {'Name': 'Zara', 'Age': 7, 'Class': 'First'}

del tinydict['Name']
tinydict.clear()
del tinydict

print ("tinydict['Age']: ", tinydict['Age'] )
print ("tinydict['School']: ", tinydict['School'])
```

a20.py

0927 > a20.py

```python
def hello() :
    print("Hello World!")

hello()
```

a21.py

0927 > a21.py

```python
def max(a, b):
    if a > b:
        return a
    else:
        return b

a = 4
b = 5
print(max(a, b))
```

a22.py

0927 > a22.py

```python
def area(width, height):
    return width * height

def print_welcome(name):
    print("Welcome", name)

print_welcome("Runoob")
w = 4
h = 5
print("width =", w, " height =", h, " area =", area(w, h))
```

a23.py

0927 > a23.py

```python
x = lambda: "Hello, world!"
print(x())

y = lambda a : a + 10
print(y(5))

z = lambda a, b : a * b
print(z(5, 6))
```

a24.py

0927 > a24.py

```python
total = 0

def sum( arg1, arg2 ):

    total = arg1 + arg2
    print ("函数内是局部变量 : ", total)
    return total


sum( 10, 20 )
print ("函数外是全局变量 : ", total)
```

a25.py

0927 > a25.py

```python
num = 1
def fun1():
    global num
    print(num)
    num = 123
    print(num)
fun1()
print(num)
```

a26.py | a27.py

0927 > a26.py

```python
class people:

    name = ''
    age = 0

    __weight = 0

    def __init__(self,n,a,w):
        self.name = n
        self.age = a
        self.__weight = w
    def speak(self):
        print("%s 說: 我 %d 歲。" %(self.name,self.age))


s = people('ken',10,60)
s.speak()
```

a27.py

0927 > a27.py

```python
class people:
    name = ''
    age = 0
    __weight = 0

    def __init__(self,n,a,w):
        self.name = n
        self.age = a
        self.__weight = w
    def speak(self):
        print("%s 說: 我 %d 歲。" %(self.name,self.age))

class student(people):
    grade = ''
    def __init__(self,n,a,w,g):

        people.__init__(self,n,a,w)
        self.grade = g

    def speak(self):
        print("%s 說: 我 %d 歲了，我在讀 %d 年级"%(self.name,self.age,self.grade))

s = student('ken',10,60,3)
s.speak()
```

a28.py

0927 > a28.py

```python

import requests


x = requests.get('https://www.lhu.edu.tw/')


print(x.text)
```