随堂作业讲解

随堂作业1.1、1.2、1.3　　by 易超

随堂作业1.2（Q1）

```
>>>
>>> bool([])
False
>>> bool(None)
False
>>> bool(0)
False
>>> bool({})
False
>>> bool(())
False
>>> bool("")
False
>>> bool(False)
False
```

```
>>> bool(3)
True
>>> bool("abc")
True
>>> bool([1])
True
>>> bool((1,))
True
>>> bool({1:2})
True
>>> bool(True)
True
>>> class A:
        pass

>>> bool(A)
True
```

随堂作业1.2（Q4）

合法的Python 标识符:
(1)第一个字符必须是字母或下划线（ _ ）；
(2)剩下的字符可以是字母和数字或下划线；
(3)大小写敏感。

随堂作业1.2（Q5）

```
>>> dict([[1,3]])
{1: 3}
>>> dict([(1,2),])
{1: 2}
>>> dict([[1,3]])
{1: 3}
>>> dict([])
{}
>>> dict([(1,2,3),(2,3,4)])
Traceback (most recent call last):
  File "<pyshell#20>", line 1, in
    dict([(1,2,3),(2,3,4)])
ValueError: dictionary update sequ
```

```
>>> dict([[[1],{}]])
Traceback (most recent call last):
  File "<pyshell#26>", line 1, in <module>
    dict([[[1],{}]])
TypeError: unhashable type: 'list'
>>> dict([["a",{}]])
{'a': {}}
>>> dict([[1.2,{}]])
{1.2: {}}
>>> dict([["a",{}],(1,2)])
{1: 2, 'a': {}}
>>>
```

随堂作业1.2（Q7）

```
>>> (0)
0
>>> (0,)
(0,)
>>> for var in 0:
        pass

Traceback (most recent call last):
  File "<pyshell#37>", line 1, in <module>
    for var in 0:
TypeError: 'int' object is not iterable
>>> for var in (0,):
        pass

>>>
```

随堂作业1.2（Q8）

```
>>> "%%%%"
'%%%%'
>>> "%%%%"%()
'%%'
>>> "%%%%%"%()
Traceback (most recent call last):
  File "<pyshell#44>", line 1, in <module>
    "%%%%%"%()
ValueError: incomplete format
>>>
```

随堂作业1.3（Q1、Q2）

```
>>> try:
    print("try")
except:
    print("except")
else:
    print("else")
finally:
    print("finally")


try
else
finally
```

```
>>> try:
    raise Exception
    print("try")
except:
    print("except")
else:
    print("else")
finally:
    print("finally")

except
finally
```

随堂作业1.3（Q5）

```
>>> class E:
    att=3
    def __init__(self):
        self.a=1


>>> dir(E)
['__class__', '__delattr__', '__dict__', '__dir__', '__doc__', '__eq__', '__form
at__', '__ge__', '__getattribute__', '__gt__', '__hash__', '__init__', '__le__',
 '__lt__', '__module__', '__ne__', '__new__', '__reduce__', '__reduce_ex__', '__
repr__', '__setattr__', '__sizeof__', '__str__', '__subclasshook__', '__weakref_
_', 'att']
>>> e=E()
>>> dir(e)
['__class__', '__delattr__', '__dict__', '__dir__', '__doc__', '__eq__', '__form
at__', '__ge__', '__getattribute__', '__gt__', '__hash__', '__init__', '__le__',
 '__lt__', '__module__', '__ne__', '__new__', '__reduce__', '__reduce_ex__', '__
repr__', '__setattr__', '__sizeof__', '__str__', '__subclasshook__', '__weakref_
_', 'a', 'att']
>>>
```

随堂作业1.3（Q6、Q7）

```
>>> class test:
    l=[]
    def __init__(self):
        self.l=['1','2','7']


>>> a1=test()
>>> a1.l
['1', '2', '7']
>>> test.l
[]
```

```
>>> class test:
    l=[]
    def __init__(self):
        self.l.append(1)
        self.l.append(2)
        self.l.append(7)


>>> a1=test()
>>> a1.l
[1, 2, 7]
>>> test.l
[1, 2, 7]
```

谢谢!