

## try-except-raise

```
--assert ..., '.....'
```

FE:

```
>>> assert 1!=0, '0!No!!!'
```

```
>>> assert 1==0, '0!No!!!'
```

Traceback (most recent call last):

```
File "<pyshell#10>", line 1, in <module>
```

```
    assert 1==0, '0!No!!!'
```

AssertionError: 0!No!!!

```
--try:
```

```
.....
```

```
except Exception/except Exception as reason:
```

```
...
```

```
else:
```

```
... (错误未出现执行)
```

```
finally:
```

```
.... (最后一定执行)
```

FE:

```
>>> try:
```

```
    1/0
```

```
except Exception, r:
```

```
    print(r)
```

SyntaxError: invalid syntax

```
>>>
```

```
>>> try:
```

```
    1/0
```

```
except :
```

```
    raise
```

Traceback (most recent call last):

```
File "<pyshell#22>", line 2, in <module>
```

```
    1/0
```

ZeroDivisionError: division by zero

```
>>> try:
```

```
    1/0
```

```
except ZeroDivisionError as r:
```

```
    print(r)
```

division by zero

```
>>> try:
```

```
    1/0
```

```
except Exception as r:
```

```
    print(r)
```

division by zero

```
--raise someerror/raise someerror('.....')  
FE:  
>>> raise ZeroDivisionError('no eee')  
Traceback (most recent call last):  
  File "<pyshell#8>", line 1, in <module>  
    raise ZeroDivisionError('no eee')  
ZeroDivisionError: no eee
```

--类继承

```
class myError(someerror):  
    pass
```

--函数调用

```
def fun(s):  
    if ...:  
        raise .....
```