

Python 2.5.1 (r251:54863, Apr 18 2007, 08:51:08) [MSC v.1310 32 bit (Intel)] on win32
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Personal firewall software may warn about the connection IDLE makes to its subprocess using this computer's internal loopback interface. This connection is not visible on any external interface and no data is sent to or received from the Internet.

IDLE 1.2.1
>>> ===== RESTART ===== *RESULT OF RUNNING THE PROGRAM IN IDLE*

>>> Hello world
>>> ===== RESTART =====

>>> Hello world
>>> 5
>>> print 3+4 *DIRECT INTERACTION WITH THE SHELL*
>>> 7

>>> print "Hello world"
Hello world
>>> print hello world
SyntaxError: invalid syntax
>>> print "3+4"
3+4

>>> ===== RESTART =====
>>> Hello world

>>> 5
>>> print a *THIS VARIABLE a WAS DEFINED IN THE EXAMPLE PROGRAM*
>>> 6

>>> print 3+5*4
23
>>> print (3+5)*4
32
>>> print 3+(5*4)
23

>>> A=3+5
>>> print A
8
>>> a
6
>>> A
8

>>> acceleration=-9.8
>>> acceleration
-9.8000000000000007
>>> acceleration=-9.8/6
>>> acceleration
-1.6333333333333335

>>> print 5/6
0
>>> print 5/6.
0.8333333333333333
>>> print 5./6
0.8333333333333333
>>> print 5./6.
0.8333333333333333

>>> a
6
>>> print 5/a

```
0
>>> a=6.
>>> print 5/a
0.8333333333333333
>>> print a
6.0
>>> print A
8
>>> print A,a
8 6.0
>>> print A,"Hello world",a
8 Hello world 6.0
>>> range(10)
[0, 1, 2, 3, 4, 5, 6, 7, 8, 9]
>>> range(3,10)
[3, 4, 5, 6, 7, 8, 9]
>>> range(3,10,2)
[3, 5, 7, 9]
>>> range(3,10,.2)
```

} the comma allows multiple items to be printed on the same line

```
Warning (from warnings module):
  File "C:/Documents and Settings/mhcuserxp/Desktop/test.py", line 1
    print "Hello world"
DeprecationWarning: integer argument expected, got float
```

```
Traceback (most recent call last):
  File "<pyshell#31>", line 1, in <module>
    range(3,10,.2)
ValueError: range() step argument must not be zero
>>> range(10,4,-1)
[10, 9, 8, 7, 6, 5]
```

0.2 was treated as 0