

```
1 /usr/local/bin/python3.7 "/Applications/PyCharm CE.app/
  Contents/helpers/pydev/pydevconsole.py" 50175 50176
2
3 import sys; print('Python %s on %s' % (sys.version, sys.
  platform))
4 sys.path.extend(['/Users/placemat/Google Drive/PythonJedi/
  Ch.02_Algebra'])
5
6 PyDev console: starting.
7
8 Python 3.7.1 (v3.7.1:260ec2c36a, Oct 20 2018, 03:13:28)
9 [Clang 6.0 (clang-600.0.57)] on darwin
10 >>> type(42)
11 <class 'int'>
12 >>>
13 >>>
14 >>>
15 >>>
16 >>>
17 >>>
18 >>> type(42.0)
19 <class 'float'>
20 >>> type(true)
21 Traceback (most recent call last):
22   File "<input>", line 1, in <module>
23 NameError: name 'true' is not defined
24 >>> type("C3P0")
25 <class 'str'>
26 >>> type(True)
27 <class 'bool'>
28 >>> # Matthew Place PDF LOG
29 >>> 3*8
30 24
31 >>> 8/3
32 2.6666666666666665
33 >>> 8**2
34 64
35 >>> 8//3
36 2
37 >>> a
38 Traceback (most recent call last):
39   File "<input>", line 1, in <module>
40 NameError: name 'a' is not defined
41 >>> a
42 Traceback (most recent call last):
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47   File "<input>", line 1, in <module>
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58 Traceback (most recent call last):
59   File "<input>", line 1, in <module>
60 NameError: name 'a' is not defined
61 >>> 8%3
62 2
63 >>> a=2
64 >>>
65 >>> a*=10
66 >>> a/=2
67 >>> a+=12
68 >>> a-=7
69 >>> a
70 15.0
71 >>> tyoe(a)
72 Traceback (most recent call last):
73   File "<input>", line 1, in <module>
74 NameError: name 'tyoe' is not defined
75 >>> type(a)
76 <class 'float'>
77 >>> x,y=(4,5)
78 >>> a=3(x+y)
79 Traceback (most recent call last):
80   File "<input>", line 1, in <module>
81 TypeError: 'int' object is not callable
82 >>> a
83 15.0
84 >>> ave=x+y+z/3
85 Traceback (most recent call last):
86   File "<input>", line 1, in <module>
87 NameError: name 'z' is not defined
88 >>> x=4
89 >>> y=5
90 >>> a=3(x+y)
91 Traceback (most recent call last):
92   File "<input>", line 1, in <module>
93 TypeError: 'int' object is not callable
94 >>> a
95 15.0
96 >>> my_variable=5
97 >>> my_variable= 2.3
```

```
98 >>> my_variable1=5
99 >>> my_variable2= 2.3
100 >>> my_variable3= "this is called a string"
101 >>> my_variable4= '6'
102 >>> my_variable4= "6"
103 >>> my_variable5=True
104 >>> my_variable1*my_variable2
105 11.5
106 >>> my_variable1*my_variable4
107 '66666'
108 >>> type(my_variable1)
109 <class 'int'>
110
```