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1 /usr/local/bin/python3.7 "/Applications/PyCharm CE.app/Contents/helpers
  /pydev/pydevconsole.py" 49589 49590
2
3 import sys; print('Python %s on %s' % (sys.version, sys.platform))
4 sys.path.extend(['/Users/alexanderrow/Desktop/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 >>> a=42.0
11 >>>
12 >>> a
13 42.0
14 >>> type(a)
15 <class 'float'>
16 >>> a=C3PO
17 Traceback (most recent call last):
18   File "<input>", line 1, in <module>
19 NameError: name 'C3PO' is not defined
20 >>> a=c3po
21 Traceback (most recent call last):
22   File "<input>", line 1, in <module>
23 NameError: name 'c3po' is not defined
24 >>> a= c3p0
25 Traceback (most recent call last):
26   File "<input>", line 1, in <module>
27 NameError: name 'c3p0' is not defined
28 >>> a=c3po
29 Traceback (most recent call last):
30   File "<input>", line 1, in <module>
31 NameError: name 'c3po' is not defined
32 >>> a=(c3po)
33 Traceback (most recent call last):
34   File "<input>", line 1, in <module>
35 NameError: name 'c3po' is not defined
36 >>> a=c,3,p,o
37 Traceback (most recent call last):
38   File "<input>", line 1, in <module>
39 NameError: name 'c' is not defined
40 >>> a=3po
41   File "<input>", line 1
```

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42     a=3po
43         ^
44 SyntaxError: invalid syntax
45 >>> a="c3po"
46 >>> a
47 'c3po'
48 >>> type(a)
49 <class 'str'>
50 >>> type(true)
51 Traceback (most recent call last):
52   File "<input>", line 1, in <module>
53 NameError: name 'true' is not defined
54 >>> a=true
55 Traceback (most recent call last):
56   File "<input>", line 1, in <module>
57 NameError: name 'true' is not defined
58 >>> a="true"
59 >>> type(a)
60 <class 'str'>
61 >>> d=True
62 >>> type(d)
63 <class 'bool'>
64 >>> a=2
65 >>> a*=10
66 >>> a/=2
67 >>> a+=12
68 >>> a-=7
69 >>> type(a)
70 <class 'float'>
71 >>> xy=(4,5)
72 >>> x,y=(4,5)
73 >>> a=3*(x+y0)
74 Traceback (most recent call last):
75   File "<input>", line 1, in <module>
76 NameError: name 'y0' is not defined
77 >>> a=3(x+y)
78 Traceback (most recent call last):
79   File "<input>", line 1, in <module>
80 TypeError: 'int' object is not callable
81 >>> 3(x+y)
82 Traceback (most recent call last):
83   File "<input>", line 1, in <module>
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```
84 TypeError: 'int' object is not callable
85 >>> 3*(x+y)
86 27
87 >>> x,y,z=(3,4,5)
88 >>> average=x+y+z/3
89 >>> average=(x+y+z)/3
90 >>> a=3*(x+y)
91 >>> a=o
92 Traceback (most recent call last):
93   File "<input>", line 1, in <module>
94 NameError: name 'o' is not defined
95 >>> a=0
96
```