

```
1 /usr/local/bin/python3.7 "/Applications/PyCharm CE.app/
  Contents/helpers/pydev/pydevconsole.py" 51136 51137
2
3 import sys; print('Python %s on %s' % (sys.version, sys.
  platform))
4 sys.path.extend(['/Users/agicedd/Google Drive/
  ComputerSciencePrinciples/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 >>> 2 / 3
11 0.6666666666666666
12 >>> 2/3
13 0.6666666666666666
14 >>> #like this
15 >>> 2/3
16 0.6666666666666666
17 >>> 2//3
18 0
19 >>> 2 / 3
20 0.6666666666666666
21 >>> 2 // 3
22 0
23 >>> A=22
24 >>> b=13
25 >>> c=a+b
26 Traceback (most recent call last):
27   File "<input>", line 1, in <module>
28 NameError: name 'a' is not defined
29 >>> c=A+b
30 >>> Apple2=A
31 >>> account.number=2
32 Traceback (most recent call last):
33   File "<input>", line 1, in <module>
34 NameError: name 'account' is not defined
35 >>> account_number=2
36 >>> accountNumber=2
37 >>> account#=2
38 Traceback (most recent call last):
39   File "<input>", line 1, in <module>
40 NameError: name 'account' is not defined
41 >>> total%=A
42 Traceback (most recent call last):
43   File "<input>", line 1, in <module>
44 NameError: name 'total' is not defined
45 >>> x2x=A
46 >>> a =2
47 >>> a*=2
```

```
48 >>> a*=5
49 >>> a*=6
50 >>> a/=5
51 >>> a+=6
52 >>> a
53 30.0
54 >>> #yeahhhhhh im getting this woooo
55 >>> a-=15
56 >>> a
57 15.0
58 >>> #YEET
59 >>> a=2
60 >>> a*=10
61 >>> a/=2
62 >>> a+=12
63 >>> a-=7
64 >>> a
65 15.0
66 >>> type(a)
67 <class 'float'>
68 >>> type(42)
69 <class 'int'>
70 >>> type(42.0)
71 <class 'float'>
72 >>> type("C3P0")
73 <class 'str'>
74 >>> type(True)
75 <class 'bool'>
76 >>> x=4
77 >>> y=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=3*x+y
83 >>> a=3*x+3*y
84 >>> a
85 27
86 >>> x,y,z=(3,4,5)
87 >>> ave=x+y+z/3
88 >>> ave
89 8.666666666666666
90 >>> ave=x+y+z//3
91 >>> ave
92 8
93 >>> ave=x+y+z / 3
94 >>> ave
95 8.666666666666666
96 >>> radius=10
97 >>> 2/3
```

```
98 0.6666666666666666
99 >>> 2 / 3
100 0.6666666666666666
101 >>> 3 / 2
102 1.5
103 >>> 2 // 3
104 0
105 >>> 3/2
106 1.5
107 >>> 3//2
108 1
109
```