

```
1 /usr/local/bin/python3.7 "/Applications/PyCharm CE.app/
  Contents/helpers/pydev/pydevconsole.py" 51233 51234
2
3 import sys; print('Python %s on %s' % (sys.version, sys.
  platform))
4 sys.path.extend(['/Users/vepavar/Google Drive/PythonSith/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
14 >>> 3//2
15 1
16 >>> A = 22
17 >>> b=13
18 >>> c = a+b
19 Traceback (most recent call last):
20   File "<input>", line 1, in <module>
21 NameError: name 'a' is not defined
22 >>> c=A+b
23 >>> c
24 35
25 >>> a=str(fart)
26 Traceback (most recent call last):
27   File "<input>", line 1, in <module>
28 NameError: name 'fart' is not defined
29 >>> a=("fart")
30 >>> a
31 'fart'
32 >>> a
33 'fart'
34 >>> a=(alex sucks butt)
35 ... a
36   File "<input>", line 1
37     a=(alex sucks butt)
38         ^
39 SyntaxError: invalid syntax
40 >>> a="alex sucks butt"
41 >>> a
42 'alex sucks butt'
43 >>> 5//2
44 2
45 >>> 5**3
46 125
47 >>> a=(5**3)//3
```

```
48 >>> a
49 41
50 >>> abs(-7)
51 7
52 >>> a=2
53 >>> b=7
54 >>> a*b
55 14
56 >>> b**a
57 49
58 >>> b%2
59 1
60 >>> x=8
61 >>> x
62 8
63 >>> x+=1
64 >>> x
65 9
66 >>> x
67 9
68 >>> x=10
69 >>> x
70 10
71 >>> x=x+1
72 >>> x
73 11
74 >>> x,y= (65, 40)
75 >>> x
76 65
77 >>> y
78 40
79 >>> a="this is a sentence"
80 >>> b=3
81 >>> c=4.3
82 >>> d=True
83 >>> type(a)
84 <class 'str'>
85 >>> a
86 'this is a sentence'
87 >>> type(c)
88 <class 'float'>
89 >>> print(a)
90 this is a sentence
91 >>> a += "and a long one, too!"
92 >>> a
93 'this is a sentenceand a long one, too!'
94 >>> a -= "and a long one, too!"
95 Traceback (most recent call last):
96   File "<input>", line 1, in <module>
97 TypeError: unsupported operand type(s) for -=: 'str' and '
```

97 str'
98