

```
1 /usr/local/bin/python3.7 "/Applications/PyCharm CE.app/
  Contents/helpers/pydev/pydevconsole.py" 51416 51417
2
3 import sys; print('Python %s on %s' % (sys.version, sys.
  platform))
4 sys.path.extend(['/Users/ruttojac/Google Drive/DillSnill/
  Ch2_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 >>> #This is me on my console
11 >>> 5+3
12 8
13 >>> 5+3.
14 8.0
15 >>> 5-3
16 2
17 >>> 5*3
18 15
19 >>> 5/3
20 1.6666666666666667
21 >>> 5//3
22 1
23 >>> 2**3
24 8
25 >>> 8%3
26 2
27 >>> 23**43
28 35834136918934220777541995677272642015423987712183913488967
29 >>> abs(7)
30 7
31 >>> a=2
32 >>> b=7
33 >>> a*b
34 14
35 >>> b**a
36 49
37 >>> b%2
38 1
39 >>> x=8
40 >>> x
41 8
42 >>> x=x+1
43 >>> x
44 9
45 >>> x=10
46 >>> x+=1
47 >>> x
```

```
48 11
49 >>> x,y= (65,40)
50 >>> x
51 65
52 >>> y
53 40
54 >>> a="This is a sentence!"
55 >>> b=3
56 >>> c=4.3
57 >>> d=True
58 >>> type(a)
59 <class 'str'>
60 >>> type(b)
61 <class 'int'>
62 >>> type(c)
63 <class 'float'>
64 >>> type(d)
65 <class 'bool'>
66 >>> 2 / 3
67 0.6666666666666666
68 >>> 2//3
69 0
70 >>> 3/2
71 1.5
72 >>> 3//2
73 1
74 >>> 22+13
75 35
76 >>> apple
77 Traceback (most recent call last):
78   File "<input>", line 1, in <module>
79 NameError: name 'apple' is not defined
80 >>> Apple
81 Traceback (most recent call last):
82   File "<input>", line 1, in <module>
83 NameError: name 'Apple' is not defined
84 >>> APPLE
85 Traceback (most recent call last):
86   File "<input>", line 1, in <module>
87 NameError: name 'APPLE' is not defined
88 >>> Apple2
89 Traceback (most recent call last):
90   File "<input>", line 1, in <module>
91 NameError: name 'Apple2' is not defined
92 >>> 1Apple
93   File "<input>", line 1
94     1Apple
95     ^
96 SyntaxError: invalid syntax
97 >>> account number
```

```
98 File "<input>", line 1
99     account number
100         ^
101 SyntaxError: invalid syntax
102 >>> account_number
103 Traceback (most recent call last):
104   File "<input>", line 1, in <module>
105 NameError: name 'account_number' is not defined
106 >>> account.number
107 Traceback (most recent call last):
108   File "<input>", line 1, in <module>
109 NameError: name 'account' is not defined
110 >>> accountNumber
111 Traceback (most recent call last):
112   File "<input>", line 1, in <module>
113 NameError: name 'accountNumber' is not defined
114 >>> account#
115 Traceback (most recent call last):
116   File "<input>", line 1, in <module>
117 NameError: name 'account' is not defined
118 >>> #left
119 >>> 2x
120   File "<input>", line 1
121     2x
122     ^
123 SyntaxError: invalid syntax
124 >>> x2x
125 Traceback (most recent call last):
126   File "<input>", line 1, in <module>
127 NameError: name 'x2x' is not defined
128 >>> great.big.variable
129 Traceback (most recent call last):
130   File "<input>", line 1, in <module>
131 NameError: name 'great' is not defined
132 >>> a=2
133 >>> a*=10
134 >>> a/=2
135 >>> a+=12
136 >>> a-=7
137 >>> a
138 15.0
139 >>> type(a)
140 <class 'float'>
141 >>> pi
142 Traceback (most recent call last):
143   File "<input>", line 1, in <module>
144 NameError: name 'pi' is not defined
145 >>>
146 >>>
147 >>> type(42)
```

```
148 <class 'int'>
149 >>> type(42.0)
150 <class 'float'>
151 >>> type(C3P0)
152 Traceback (most recent call last):
153   File "<input>", line 1, in <module>
154 NameError: name 'C3P0' is not defined
155 >>> type("C3P0")
156 <class 'str'>
157 >>> type(True)
158 <class 'bool'>
159 >>> x = 4
160 >>> y = 5
161 >>> a = 3(x + y)
162 Traceback (most recent call last):
163   File "<input>", line 1, in <module>
164 TypeError: 'int' object is not callable
165 >>> a = 3 * (x+y)
166 >>>
167 >>> a
168 27
169 >>> x,y,z =(3,4,5)
170 >>> ave = x+y+z/3
171 >>> ave
172 8.666666666666666
173 >>> avg
174 Traceback (most recent call last):
175   File "<input>", line 1, in <module>
176 NameError: name 'avg' is not defined
177
```