```
 1 /usr/local/bin/python3.8 /Applications/PyCharm CE.
   app/Contents/plugins/python-ce/helpers/pydev/
   pydevconsole.py --mode=client --host=127.0.0.1 --
   port=60195
 2
 3 import sys; print('Python %s on %s' % (sys.version
   , sys.platform))
 4 sys.path.extend(['/Users/littlecal/Desktop/
   PythonJedi', '/Users/littlecal/Desktop/PythonJedi/
   Ch.02', '/Users/littlecal/Desktop/PythonJedi/Ch.
   01_Assignment', '/Users/littlecal/Desktop/
   PythonJedi/Ch.01', '/Users/littlecal/Desktop/
   PythonJedi', '/Users/littlecal/Desktop/PythonJedi
   '])
 5
 6 PyDev console: starting.
 7
 8 Python 3.8.5 (v3.8.5:580fbb018f, Jul 20 2020, 12:11
   :27)
 9 [Clang 6.0 (clang-600.0.57)] on darwin
10 >>> # Caleb Little's Chapter 2 Log
11 >>> 5+4
12 9
13 >>> 5-4
14 1
15 >>> 5/4
16 1.25
17 >>> 5*4
18 20
19 >>> 5//4
20 1
21 >>> 2**3
22 8
23 >>> 16**.5
24 4.0
25 >>> 16%2
26 0
27 >>> 17%2
28 1
29 >>> 7*2
30 14
```

```
31 >>> 7*2.0
32 14.0
33 >>> 7/2
34 3.5
35 >>> 7/2.0
36 3.5
37 >>> 10/3
38 3.3333333333333335
39 >>> 2**4
40 16
41 >>> 8%3
42 2
43 >>> 23**43
44 35834136918934220777541995677272642015423987712183913488967
45 >>> abs(-7)
46 7
47 >>> a=2
48 >>> a
49 2
50 >>> b=7
51 >>> b
52 7
53 >>> A=5
54 >>> a
55 2
56 >>> A
57 5
58 >>> a*b
59 14
60 >>> b**a
61 49
62 >>> b%2
63 1
64 >>> x=8
65 >>> x
66 8
67 >>> x=x+1
68 >>> x
69 9
70 >>> x=10
```

```
71 >>> x+=3
72 >>> x
73 13
74 >>> x*=3
75 >>> x
76 39
77 >>> x/=3
78 >>> x
79 13.0
80 >>> x,y=(65,32)
81 >>> x
82 65
83 >>> y
84 32
85 >>> word1="Hello"
86 >>> word2='World!'
87 >>> phrase = word1 + word2
88 >>>  word1 = "Hello "
89 Traceback (most recent call last):
90   File "/Library/Frameworks/Python.framework/
   Versions/3.8/lib/python3.8/code.py", line 63, in
   runsource
91     code = self.compile(source, filename, symbol)
92   File "/Library/Frameworks/Python.framework/
   Versions/3.8/lib/python3.8/codeop.py", line 176,
   in __call__
93     return _maybe_compile(self.compiler, source,
   filename, symbol)
94   File "/Library/Frameworks/Python.framework/
   Versions/3.8/lib/python3.8/codeop.py", line 104,
   in _maybe_compile
95     raise err1
96   File "/Library/Frameworks/Python.framework/
   Versions/3.8/lib/python3.8/codeop.py", line 91, in
    _maybe_compile
97     code1 = compiler(source + "\n", filename,
   symbol)
98   File "/Library/Frameworks/Python.framework/
   Versions/3.8/lib/python3.8/codeop.py", line 141,
   in __call__
99     codeob = compile(source, filename, symbol,
```

```
 99 self.flags, 1)
100   File "<input>", line 1
101     word1 = "Hello "
102     ^
103 IndentationError: unexpected indent
104 >>> word1 = "Hello "
105 >>> phrase = word1 + word2
106 >>> phrase
107 'Hello World!'
108 >>> GRAVITY = 9.81
109 >>> GRAVITY
110 9.81
111 >>> # all caps mean that the variable is a
    constant
112 >>> max_speed = 100
113 >>> a = "This is a sentence."
114 >>> b=3
115 >>> c = 4.3
116 >>> d = True
117 >>> type(a)
118 <class 'str'>
119 >>> type(b)
120 <class 'int'>
121 >>> type(c)
122 <class 'float'>
123 >>> type(d)
124 <class 'bool'>
125
```