```
 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=50941
 2
 3  import sys; print('Python %s on %s' % (sys.version
    , sys.platform))
 4  sys.path.extend(['/Users/reischeljon/Desktop/
    PythonJedi', '/Users/reischeljon/Desktop/PythonJedi
    /Ch1', '/Users/reischeljon/Desktop/PythonJedi/
    Ch1assignment', '/Users/reischeljon/Desktop/
    PythonJedi/Ch02', '/Users/reischeljon/Desktop/
    PythonJedi', '/Users/reischeljon/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  >>> # Jonathan's Ch2 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  >>> abs(-7)
30  7
```

```
31 >>> a=2
32 >>> b=5
33 >>> a
34 2
35 >>> b
36 5
37 >>> b//a
38 2
39 >>> b**a
40 25
41 >>> b%a
42 1
43 >>>
44 >>>
45 >>>
46 >>>
47 >>>
48 >>>
49 >>>
50 >>>
51 >>>
52 >>> a = "this is a sentence"
53 >>> b=3
54 >>> c=4.3
55 >>> d= true
56 Traceback (most recent call last):
57   File "/Library/Frameworks/Python.framework/
   Versions/3.8/lib/python3.8/code.py", line 90, in
   runcode
58     exec(code, self.locals)
59   File "<input>", line 1, in <module>
60 NameError: name 'true' is not defined
61 >>> d= True
62 >>>
63 >>> type(d)
64 <class 'bool'>
65 >>> type(a)
66 <class 'str'>
67 >>> type(b)
68 <class 'int'>
69 >>> type(c)
```

```
70 <class 'float'>
71 >>> type(d)
72 <class 'bool'>
73
```