```
 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=63882
 2
 3 import sys; print('Python %s on %s' % (sys.version
   , sys.platform))
 4 sys.path.extend(['/Users/lamarreava/Desktop/
   PythonJedi', '/Users/lamarreava/Desktop/PythonJedi
   ', '/Users/lamarreava/Desktop/PythonJedi/
   Ch02PythonConsole', '/Users/lamarreava/Desktop/
   PythonJedi/Ch01IntroAssign', '/Users/lamarreava/
   Desktop/PythonJedi/Ch02Python', '/Users/lamarreava/
   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 >>> # Ava LaMarre Ch2 Log
11 >>> 5-4
12 1
13 >>> 9**.5
14 3.0
15 >>> 16%2
16 0
17 >>> 17%2
18 1
19 >>> 10/3
20 3.3333333333333335
21 >>> 2**4
22 16
23 >>> 23**43
24 35834136918934220777541995677272642015423987712183 9
   13488967
25 >>> abs(-7)
26 7
27 >>> a=2
28 >>> b=7
29 >>> a
30 2
31 >>> ab
```

```
32 Traceback (most recent call last):
33   File "/Library/Frameworks/Python.framework/
   Versions/3.8/lib/python3.8/code.py", line 90, in
   runcode
34     exec(code, self.locals)
35   File "<input>", line 1, in <module>
36 NameError: name 'ab' is not defined
37 >>> a*b
38 14
39 >>> A=5
40 >>> A+a
41 7
42 >>> x=8
43 >>> x=x
44 >>> x=x+1
45 >>> x
46 9
47 >>> a+=1
48 >>> 1
49 1
50 >>> a
51 3
52 >>> a-+1
53 2
54 >>> a
55 3
56 >>> a-=1
57 >>> a
58 2
59 >>> word1="Hello"
60 >>> word2="World"
61 >>> phrase = word1 + word2
62 >>> phrase
63 'HelloWorld'
64 >>> word1 = "Hello "
65 >>> phrase
66 'HelloWorld'
67 >>> GRAVITY
68 Traceback (most recent call last):
69   File "/Library/Frameworks/Python.framework/
   Versions/3.8/lib/python3.8/code.py", line 90, in
   runcode
70     exec(code, self.locals)
```

```
71    File "<input>", line 1, in <module>
72 NameError: name 'GRAVITY' is not defined
73 >>> GRAVITY=9.81
74 >>> GRAVITY
75 9.81
76 >>> max_speed=100
77 >>> a= "This is a sentence"
78 >>> b=3
79 >>> c=4.3
80 >>> d= True
81 >>> type(a)
82 <class 'str'>
83 >>> type(b)
84 <class 'int'>
85 >>> type(c)
86 <class 'float'>
87 >>> type(d)
88 <class 'bool'>
89
```