

```
1 /usr/local/bin/python3.8 "/Applications/PyCharm CE.  
  app/Contents/plugins/python-ce/helpers/pydev/  
  pydevconsole.py" --mode=client --port=55019  
2  
3 import sys; print('Python %s on %s' % (sys.version  
  , sys.platform))  
4 sys.path.extend(['/Users/swartzaid/Desktop/  
  PythonJedi', '/Users/swartzaid/Desktop/PythonJedi/  
  Ch01_VC', '/Users/swartzaid/Desktop/Ch.  
  02_Python_Console/Ch2_Algebra', '/Users/swartzaid/  
  Desktop/PythonJedi/Ch01_Intro_Assignment', '/Users/  
  swartzaid/Desktop/PythonJedi/Ch01_Version_Control  
  '])  
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 >>> #My Python Console Practice  
11 >>> 5+3  
12 8  
13 >>> 5-3  
14 ... 5*3  
15 >>> 5-3  
16 2  
17 >>> 5*3  
18 15  
19 >>> 5/3  
20 1.6666666666666667  
21 >>> 5//3  
22 1  
23 >>> 5**3  
24 125  
25 >>> 5%3  
26 2  
27 >>> abs(-7)  
28 7  
29 >>> a  
30 Traceback (most recent call last):  
31   File "<input>", line 1, in <module>  
32 NameError: name 'a' is not defined  
33 >>> a=2  
34 >>> b=5
```

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35 >>> a
36 2
37 >>> b
38 5
39 >>> b%2
40 1
41 >>> x=8
42 >>> x=x+1
43 >>> x=x+1
44 >>> x=9
45 >>> x
46 9
47 >>> x+=1
48 >>> x
49 10
50 >>> x*=2
51 >>> x,y=(65,48)
52 >>> x,y=(20,y+3)
53 >>> midi_count=off_the_charts
54 Traceback (most recent call last):
55   File "<input>", line 1, in <module>
56 NameError: name 'off_the_charts' is not defined
57 >>> midi_count=100
58 >>> midi_count
59 100
60 >>> SW=500
61 >>> a="This is some text"
62 >>> midi_count="off_the_charts"
63 >>> b=3
64 >>> c=4.3
65 >>> d=True
66 >>> type(b)
67 <class 'int'>
68 >>> type(c)
69 <class 'float'>
70 >>> type(d)
71 <class 'bool'>
72 >>> type(a)
73 <class 'str'>
74 >>> f=a+b
75 Traceback (most recent call last):
76   File "<input>", line 1, in <module>
77 TypeError: can only concatenate str (not "int") to
   str
```

```
78 >>> f=b+c
79 >>> b=" more sentence"
80 >>> f=a+b
81 >>> b=2
82 >>> b=str(b)
83 >>> f=a+b
84 >>> f
85 'This is some text2'
86
```