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1 /usr/local/bin/python3.8 "/Applications/PyCharm CE.  
  app/Contents/plugins/python-ce/helpers/pydev/  
  pydevconsole.py" --mode=client --port=52968  
2  
3 import sys; print('Python %s on %s' % (sys.version  
  , sys.platform))  
4 sys.path.extend(['/Users/hueybry/Desktop/PythonJedi  
  /Ch01VCS'])  
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 >>> #Bryce's Python Practice Console  
11 >>> 4+5  
12 9  
13 >>> 3*5  
14 15  
15 >>> 5/3  
16 1.6666666666666667  
17 >>> 5//3  
18 1  
19 >>> 3%2  
20 1  
21 >>> 22%2  
22 0  
23 >>> 2**8  
24 256  
25 >>> 23**43  
26 358341369189342207775419956772726420154239877121839  
  13488967  
27 >>> abs(-7)  
28 7  
29 >>> a=2  
30 >>> a  
31 2  
32 >>> a=5  
33 >>> a  
34 5  
35 >>> A=2  
36 >>> a  
37 5  
38 >>> A
```

```
39 2
40 >>> a=2
41 >>> b=7
42 >>> b
43 7
44 >>> b%2
45 1
46 >>> x=8
47 >>> x=x+1
48 >>> x
49 9
50 >>> x+=1
51 >>> x
52 10
53 >>> x*=2
54 >>> x
55 20
56 >>> x,y=(65,48)
57 >>> y
58 48
59 >>> x
60 65
61 >>> x,y=(20,y+3)
62 >>> y
63 51
64 >>> midi_count=100
65 >>> midi_count
66 100
67 >>> midiCount
68 Traceback (most recent call last):
69   File "<input>", line 1, in <module>
70 NameError: name 'midiCount' is not defined
71 >>> SW=500
72   File "<input>", line 1
73     SW=500
74     ^
75 IndentationError: unexpected indent
76 >>> a="This is some text"
77 >>> a
78 'This is some text'
79 >>> b=3
80 >>> c=4.3
81 >>> d=True
82 >>> type(a)
```

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83 <class 'str'>
84 >>> tpye(b)
85 Traceback (most recent call last):
86   File "<input>", line 1, in <module>
87 NameError: name 'tpye' is not defined
88 >>> type(b)
89 <class 'int'>
90 >>> type(c)
91 <class 'float'>
92 >>> type(d)
93 <class 'bool'>
94 >>> f=a+b
95 Traceback (most recent call last):
96   File "<input>", line 1, in <module>
97 TypeError: can only concatenate str (not "int") to
    str
98 >>> f=b+c
99 >>> f
100 7.3
101 >>> type(f)
102 <class 'float'>
103 >>> b=" more sentence"
104 >>> f=a+b
105 >>> f
106 'This is some text more sentence'
107 >>> b=2
108 >>> b=str(b)
109 >>> b
110 '2'
111 >>> f=a+b
112 >>> f
113 'This is some text2'
114
```