```
1  /usr/local/bin/python3.8 "/Applications/PyCharm CE.app/
   Contents/helpers/pydev/pydevconsole.py" 53108 53109
2  /Applications/PyCharm CE.app/Contents/helpers/pydev/
   _pydevd_bundle/pydevd_resolver.py:127: SyntaxWarning: "is
   not" with a literal. Did you mean "!="?
3    if found.get(name) is not 1:
4
5  import sys; print('Python %s on %s' % (sys.version, sys.
   platform))
6  sys.path.extend(['/Users/dautom/Desktop/CSP/CH.02'])
7
8  PyDev console: starting.
9
10 Python 3.8.5 (v3.8.5:580fbb018f, Jul 20 2020, 12:11:27)
11 [Clang 6.0 (clang-600.0.57)] on darwin
12 >>> #Tom's chapter 2 PDF log
13 >>> '''Multiline comment'''
14 'Multiline comment'
15 >>> 5+3
16 8
17 >>> 5-3
18 2
19 >>> 5/3
20 1.6666666666666667
21 >>> 5*3
22 15
23 >>> 5(3)
24 <input>:1: SyntaxWarning: 'int' object is not callable;
   perhaps you missed a comma?
25 <input>:1: SyntaxWarning: 'int' object is not callable;
   perhaps you missed a comma?
26 Traceback (most recent call last):
27   File "<input>", line 1, in <module>
28 TypeError: 'int' object is not callable
29 >>> 5(3+1)
30 <input>:1: SyntaxWarning: 'int' object is not callable;
   perhaps you missed a comma?
31 <input>:1: SyntaxWarning: 'int' object is not callable;
   perhaps you missed a comma?
32 Traceback (most recent call last):
33   File "<input>", line 1, in <module>
34 TypeError: 'int' object is not callable
35 >>> 5*(3+1)
36 20
37 >>> 5^2
38 7
39 >>> 5**2
40 25
41 >>> 5//2
42 2
```

```
43 >>> #Flooring
44 >>> 5%2 #modulus
45 1
46 >>> 10%2
47 0
48 >>> 31%2
49 1
50 >>> abs(-7)
51 7
52 >>> a=2
53 >>> a
54 2
55 >>> b
56 Traceback (most recent call last):
57   File "<input>", line 1, in <module>
58 NameError: name 'b' is not defined
59 >>> b=5
60 >>> a+b
61 7
62 >>> a/b
63 0.4
64 >>> b**a
65 25
66 >>> a+1
67 3
68 >>> a
69 2
70 >>> a=a+1
71 >>> a
72 3
73 >>> a+=1
74 >>> a
75 4
76 >>> a*=2
77 >>> a
78 8
79 >>> a+=1
80 >>> a
81 9
82 >>> x,y=(4,7)
83 >>> my variable=3
84   File "<input>", line 1
85     my variable=3
86        ^
87 SyntaxError: invalid syntax
88 >>> 1myvariable=3
89   File "<input>", line 1
90     1myvariable=3
91       ^
92 SyntaxError: invalid syntax
```

```
 93 >>> myvariable1=3
 94 >>> myvariable1
 95 3
 96 >>> myVariable=4
 97 >>> my_variable=5
 98 >>> my_variable
 99 5
100 >>> a=2
101 >>> b="some text"
102 >>> c=4.5
103 >>> d=True
104 >>> type(a)
105 <class 'int'>
106 >>> type(b)
107 <class 'str'>
108 >>> type(c)
109 <class 'float'>
110 >>> type(d)
111 <class 'bool'>
112
```