```
 1 /usr/local/bin/python3.8 "/Applications/PyCharm CE.
   app/Contents/plugins/python-ce/helpers/pydev/
   pydevconsole.py" --mode=client --port=57170
 2
 3 import sys; print('Python %s on %s' % (sys.version
   , sys.platform))
 4 sys.path.extend(['/Users/thompsonlan/Desktop/Ch.
   02_Python_Console'])
 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 >>> #Mr. Hermon's python console practice
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 35834136918934220777541995677272642015423987712183
   913488967
27 >>> 2**43
28 8796093022208
29 >>> abs(-7)
30 7
31 >>> a=2
32 >>> b=5
33 >>> b/a
34 2.5
35 >>> b//a
36 2
37 >>> b**a
38 25
```

```
39 >>> b%a
40 1
41 >>> a+B
42 Traceback (most recent call last):
43   File "<input>", line 1, in <module>
44 NameError: name 'B' is not defined
45 >>> type(42)
46 <class 'int'>
47 >>> type(42.0)
48 <class 'float'>
49 >>> type("C3PO")
50 <class 'str'>
51 >>> type(true)
52 Traceback (most recent call last):
53   File "<input>", line 1, in <module>
54 NameError: name 'true' is not defined
55 >>> type(True)
56 <class 'bool'>
57 >>> (a)
58 2
59 >>> a=2
60 >>> a*=10
61 >>> a/=2
62 >>> a+=12
63 >>> a-=7
64 >>> a
65 15.0
66 >>> type(a)
67 <class 'float'>
68 >>> x,y = (4,5)
69 >>> a = 3(x + y)
70 <input>:1: SyntaxWarning: 'int' object is not
   callable; perhaps you missed a comma?
71 <input>:1: SyntaxWarning: 'int' object is not
   callable; perhaps you missed a comma?
72 Traceback (most recent call last):
73   File "<input>", line 1, in <module>
74 TypeError: 'int' object is not callable
75 >>> a = 3(x,y)
76 <input>:1: SyntaxWarning: 'int' object is not
   callable; perhaps you missed a comma?
77 <input>:1: SyntaxWarning: 'int' object is not
   callable; perhaps you missed a comma?
78 Traceback (most recent call last):
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 79    File "<input>", line 1, in <module>
 80 TypeError: 'int' object is not callable
 81 >>> a
 82 15.0
 83 >>> a = 3(x+y)
 84 <input>:1: SyntaxWarning: 'int' object is not
    callable; perhaps you missed a comma?
 85 <input>:1: SyntaxWarning: 'int' object is not
    callable; perhaps you missed a comma?
 86 Traceback (most recent call last):
 87    File "<input>", line 1, in <module>
 88 TypeError: 'int' object is not callable
 89 >>> a=3(x+y)
 90 <input>:1: SyntaxWarning: 'int' object is not
    callable; perhaps you missed a comma?
 91 <input>:1: SyntaxWarning: 'int' object is not
    callable; perhaps you missed a comma?
 92 Traceback (most recent call last):
 93    File "<input>", line 1, in <module>
 94 TypeError: 'int' object is not callable
 95 >>> 3(x+y)=a
 96    File "<input>", line 1
 97 SyntaxError: cannot assign to function call
 98 >>> a=3x+3y
 99    File "<input>", line 1
100      a=3x+3y
101          ^
102 SyntaxError: invalid syntax
103 >>> x,y=(4,5)
104 >>> a=3x+3y
105    File "<input>", line 1
106      a=3x+3y
107          ^
108 SyntaxError: invalid syntax
109 >>> a=3*x+3*y
110 >>> a
111 27
112 >>> x,y,z=(3,4,5)
113 >>> ave = x+y+z/3
114 >>> ave
115 8.666666666666666
116 >>> avg=x+y+z/3
117 >>> avg
118 8.666666666666666
```

```
119 >>> (avg)=x+y+z/3
120 >>> (avg)
121 8.666666666666666
122 >>> ave(x+y+z/3)
123 Traceback (most recent call last):
124   File "<input>", line 1, in <module>
125 TypeError: 'float' object is not callable
126 >>> avg(x+y+z)
127 Traceback (most recent call last):
128   File "<input>", line 1, in <module>
129 TypeError: 'float' object is not callable
130 >>> ave(x+y+z)
131 Traceback (most recent call last):
132   File "<input>", line 1, in <module>
133 TypeError: 'float' object is not callable
134
```