Ejercicios de expresiones – Angel Fernández Ariza

16-

```
Python 3.10 (64-bit)                                                    —    □    ×
Python 3.10.7 (tags/v3.10.7:6cc6b13, Sep  5 2022, 14:08:36) [MSC v.1933 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license" for more information.
>>> True = True != False
  File "<stdin>", line 1
    True = True != False
    ^^^^
SyntaxError: cannot assign to True
>>> 1 < 2 < 3 < 4 < 5
True
>>> (1<2<3) and (4<5)
True
>>> 1<2<4<3<5
False
>>> (1<2<4) and (3<5)
True
>>>
```

17-

```
>>> 0xf + 0o17 + 0b1111 + 15
60
>>> 0xffff + 0b1
65536
>>>
```

19-

```
>>> x = 10
>>> x = x * 10
>>> x
100
```

20-

```
>>> x = 1.1
>>> x**4 + x**3 + 2*x**2 - x
4.115100000000002
```

21-

```
>>> x=10
>>> x**4 + x**3 + 1/7*x**2 - x
11004.285714285714
```

22-

```
>>> z= 2
>>> z += 2
>>> z += 2 - 2
>>> z *= 2
>>> z *= 1 + 1
>>> z //= 2
>>> z %= 3
>>> z /= 3 - 1
>>> z -= 2 + 1
>>> z -= 2
>>> z **= 3
>>> z
-64.0
```

23-

```
>>> a = 'b'
>>> a + 'b'
'bb'
>>> a + 'a'
'ba'
>>> a * 2 + 'b' * 3
'bbbbb'
>>> 2 * (a + 'b')
'bbbb'
>>> 2 * ('a' + 'b')
'abab'
```

24-

```
>>> 'a' * 3 + '/*' * 5 + 2 * 'abc' + '+'
'aaa/*/*/*/*/*abcabc+'
>>> palindromo = 'abcba'
>>> (4 * '<' + palindromo + '>' * 4) * 2
'<<<<abcba>>>><<<<abcba>>>>'
>>> subcadena = '=' + '-' * 3 + '='
>>> '10' * 5 + 4 * subcadena
'1010101010=---==---==---==---='
>>> 2 * '12' + '-' + '3' * 3 + 'e-' + 4 * '76'
'1212-333e-76767676'
>>>
```

26-

```
>>> round(5011/10000,3)
0.501
>>>
```

27-

```
>>> round(5011/10000,3)
0.501
>>>
```

28-

```
>>> str(2.1) + str(1.2)
'2.11.2'
>>> str(2.1) + str(1.2)
'2.11.2'
>>> int(str(2) + str(3))
23
>>> str(int(12.3)) + '0'
'120'
>>> int('2' + '3')
23
>>> str(int(2.1) + float(3))
'5.0'
>>> round(abs(-3.2))
3
>>> str(round(5011/10000, 3))
'0.501'
```

29-

```
>>> 'abecedario' < 'abecedario'
False
>>> 'abecedario' <= 'abecedario'
True
>>> 'Abecedario' < 'abecedario'
True
>>> 'Abecedario' = 'abecedario'
  File "<stdin>", line 1
    'Abecedario' = 'abecedario'
    ^^^^^^^^^^^^
SyntaxError: cannot assign to literal here. Maybe you meant '==' instead of '='?
>>> 'Abecedario' = 'abecedario'
  File "<stdin>", line 1
    'Abecedario' = 'abecedario'
    ^^^^^^^^^^^^
SyntaxError: cannot assign to literal here. Maybe you meant '==' instead of '='?
>>> 'Abecedario' == 'abecedario'
False
>>> '124' < '13'
True
>>> 'a' < 'a'
False
>>>
```