Aula02_Tuples

August 7, 2017

```
In [2]: tup1 = ('physics', 'chemistry', 1997, 2000)
        tup2 = (1, 2, 3, 4, 5 )
        tup3 = "a", "b", "c", "d"
        tup4 = () # tupla vazia
        tup5 = (50,) # tupla com um unico valor

        print (tup1)
        print (tup2)
        print (tup3)
        print (tup4)
        print (tup5)

('physics', 'chemistry', 1997, 2000)
(1, 2, 3, 4, 5)
('a', 'b', 'c', 'd')
()
(50,)


In [5]: tup1 = ('fisica', 'quimica', 1997, 2000)
        tup2 = (1, 2, 3, 4, 5, 6, 7 )

        print ("tup1[0]: ", tup1[0])
        print ("tup2[1:5]: ", tup2[1:5])

tup1[0]:  fisica
tup2[1:5]:  (2, 3, 4, 5)


In [7]: tup1 = (12, 34.56)
        tup2 = ('abc', 'xyz')

        tup3 = tup1 + tup2
        print (tup3)

(12, 34.56, 'abc', 'xyz')
```

```
In [12]: tup = ('fisica', 'quimica', 1997, 2000);

         print (tup)
         del tup

         print (tup)

('fisica', 'quimica', 1997, 2000)
```

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        ---------------------------------------------------------------------------

        NameError                                 Traceback (most recent call last)

        <ipython-input-12-52f09bbb43bb> in <module>()
          4 del tup
          5
    ----> 6 print (tup)


        NameError: name 'tup' is not defined
```

```
In [15]: lst = ['physics', 'chemistry', 1997, 2000]
         tup = ('casa', 'sala', 'escola', 2017, 2011)

         lst[0] = 'fisica'
         lst[1] = 'quimica'

         print (lst)
         print (tup)

         tup2 = tup + tuple(lst)
         print (tup2)

         lst2 = lst + list(tup)
         print (lst2)

['fisica', 'quimica', 1997, 2000]
('casa', 'sala', 'escola', 2017, 2011)
('casa', 'sala', 'escola', 2017, 2011, 'fisica', 'quimica', 1997, 2000)
['fisica', 'quimica', 1997, 2000, 'casa', 'sala', 'escola', 2017, 2011]
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