


# Certification course

19/5/2020

## Topics learned (Python):

1. Initialisation of list
2. Initialisation of tuple
3. Operation with list
4. Operation with tuple

## Some Screenshots:



```
#5 Python Tutorial for Beginners | List in Python
>>> nums.append(45)

>>> mnums

Traceback (most recent call last):
  File "<pyshell#15>", line 1, in <module>
    mnums
NameError: name 'mnums' is not defined
>>> nums

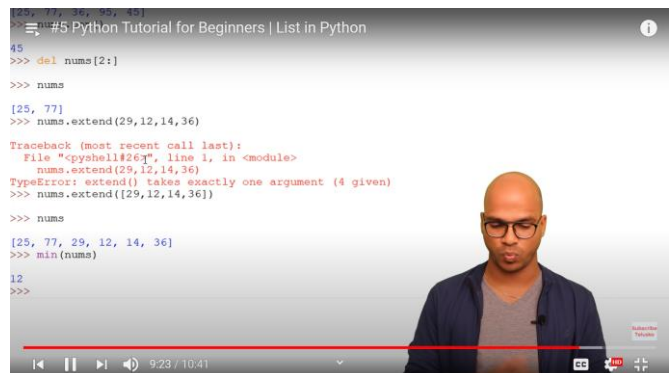
[25, 12, 36, 95, 14, 45]
>>> nums.insert(2,77)

>>> nums

[25, 12, 77, 36, 95, 14, 45]
>>> nums.remove(14)

>>> nums

[25, 12, 77, 36, 95, 45]
>>> nums.pop()
```



```
#5 Python Tutorial for Beginners | List in Python
45
>>> del nums[2:]

>>> nums

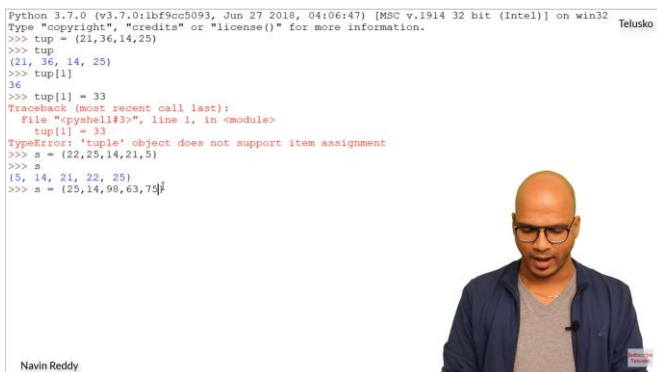
[25, 77]
>>> nums.extend(29,12,14,36)

Traceback (most recent call last):
  File "<pyshell#26>", line 1, in <module>
    nums.extend(29,12,14,36)
TypeError: extend() takes exactly one argument (4 given)
>>> nums.extend([29,12,14,36])

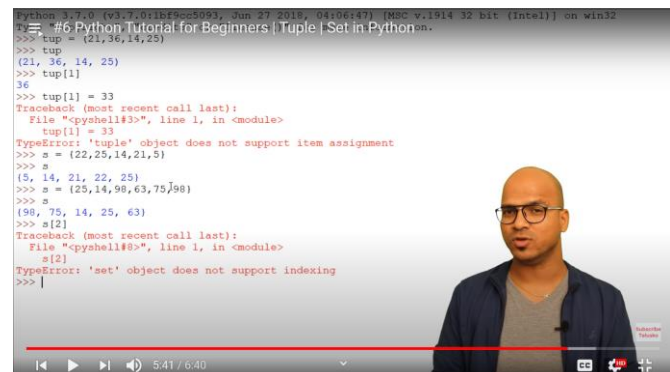
>>> nums

[25, 77, 29, 12, 14, 36]
>>> min(nums)

12
>>>
```



```
Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:06:47) [MSC v.1914 32 bit (Intel)] on win32
Type "copyright", "credits" or "license()" for more information.
>>> tup = (21,36,14,25)
>>> tup
(21, 36, 14, 25)
>>> tup[1]
36
>>> tup[1] = 33
Traceback (most recent call last):
  File "<pyshell#3>", line 1, in <module>
    tup[1] = 33
TypeError: 'tuple' object does not support item assignment
>>> a = (22,25,14,21,5)
>>> a
(5, 14, 21, 22, 25)
>>> a = (25,14,98,63,79)
```



```
#6 Python Tutorial for Beginners | Tuple | Set in Python.
>>> tup = (21,36,14,25)
>>> tup
(21, 36, 14, 25)
>>> tup[1]
36
>>> tup[1] = 33
Traceback (most recent call last):
  File "<pyshell#3>", line 1, in <module>
    tup[1] = 33
TypeError: 'tuple' object does not support item assignment
>>> a = (22,25,14,21,5)
>>> a
(5, 14, 21, 22, 25)
>>> a = (25,14,98,63,75,98)
>>> a
(98, 75, 14, 25, 63)
>>> a[2]
Traceback (most recent call last):
  File "<pyshell#8>", line 1, in <module>
    a[2]
TypeError: 'set' object does not support indexing
>>> |
```

## YouTube video link :

- 1] <https://www.youtube.com/watch?v=Eaz5e6M8tL4&list=PLsyebzWxl7poL9JTVyndKe62ieoN-MZ3&index=6>
- 2] <https://www.youtube.com/watch?v=Mf7eFtbVxFM&list=PLsyebzWxl7poL9JTVyndKe62ieoN-MZ3&index=7>