## Python - Tuple

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What is Tuple? full explanation.
    tuple is a data structure which is also called collection of items, in which we can
store anything like
    string, float, integer.
syntax:
   tuple-name = (item1, item2,...., item n)
    note: - 1. we write the item of the tuple inside paranthesis "()" and each item is
seprated by comma ","
            2. duplicates are allowed.
            3. immutable in nature.
    var = ()
   print(type(var))
   # create a tuple with items
   var = (1,2,3,4,5)
   print(var)
    var = (1,2,3,4,5,True,"Like")
   print(var)
   # create tuple using without parantesis
    var = 1,2,3,4,True,"Like"
   print(var)
   # check data type of items
   var = 1,"Like"
   print(type(var))
   # find the length of tuple
   var = 1,2,3,4,True,"Like"
   print(len(var))
   # copy one tuple variable to another variable
   var = 1,2,3,4,True,"Like"
    1 = var.index(4)
   print(1)
   var = 1,2,3,4,True,"Like"
    var2 = var
    print(var2)
```

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# --- Tuple is Immutable --- #

ex 1: -
var = 1,2,3,4,True,"Like"
var[1] = "Right"
print(var)
#tuple don't support item assignment

ex 2: - AttributeError
var = 1,2,3,4,True,"Like"
var.append("Right")
print(var)
#'tuple' object has no attribute 'append'
```