```
In [1]: #Create Tuple
          t=(1,2,3,4.5, "Ram")
 In [2]: print(t)
          (1, 2, 3, 4.5, 'Ram')
 In [3]: type(t)
          tuple
 Out[3]:
 In [5]:
          #like lists, tuples also allow duplicates value lets see:
          list1=[1,2,2,4]
          tuple1=(3,4,4.5,4.5,"Ram")
 In [6]:
          #to find length of tuple
          len(tuple1)
 Out[6]: 5
          #will it work for list also?
 In [7]:
          len(list1)
 Out[7]:
 In [8]: #yes length function work for both. As well as for string
          s='Hello'
          len(s)
 Out[8]: 5
          Access tuple item - Indexing and Slicing (Similar to lists and strings)
 In [9]: print(t)
          (1, 2, 3, 4.5, 'Ram')
In [10]: t[1]
Out[10]:
In [11]: t[-1]
Out[11]:
In [12]: t[0:3]
         (1, 2, 3)
Out[12]:
In [13]: t[-4:-1]
Out[13]: (2, 3, 4.5)
          Change or add to tuple
In [14]: print(t)
          (1, 2, 3, 4.5, 'Ram')
In [15]: t[4]="Shyam"
                                                     Traceback (most recent call last)
          TypeError
          Cell In[15], line 1
          ----> 1 t[4]="Shyam"
         TypeError: 'tuple' object does not support item assignment
In [16]: #What we get: Tuple does not support this assignment, lets look for list
          print(list1)
          [1, 2, 2, 4]
In [17]: list1[1]=10
In [18]: print(list1)
          [1, 10, 2, 4]
```

In [10]: #This is main difference between Tunle and Lists: immutable and mutable

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