```
In [5]: t=(1, 2, 3, 4, 5)
        type(t)

Out[5]: tuple
```

```
In [7]: t1=("Arsh", "Saxena")
        type(t1)

Out[7]: tuple
```

```
In [8]: #Tuples are iterable.
        t2=("Arsh", "Saxena")
        for i in t2:
            print(i)

        Arsh
        Saxena
```

```
In [11]: t3=12345
         for x in i:
             print(x)
```

```
---------------------------------------------------------------------------
TypeError                                 Traceback (most recent call last)
<ipython-input-11-3581c30b4265> in <module>
      1 t3=("12345")
----> 2 for x in i:
      3     print(x)

TypeError: 'int' object is not iterable
```

```
In [12]: t4=("Arsh", "Saxena")
         length=0
         for i in t4:
             length+=1
         print(length)
```

```
2
```

```
In [20]: #Tuples are immutable.
         t5=("arsh", "Saxena")
         t5[0]
```

Out[20]: 'arsh'

```
In [17]: l1=["arsh", "Saxena"]
         id(l1)
```

Out[17]: 945610455432

```
In [18]: l1[0]="Arsh"
```

```
In [19]: l1
```

Out[19]: ['Arsh', 'Saxena']

```
In [21]: t5[0]="Arsh"
```

```
---------------------------------------------------------------------------
TypeError                                 Traceback (most recent call last)
<ipython-input-21-8f7e0fc95228> in <module>
----> 1 t5[0]="Arsh"

TypeError: 'tuple' object does not support item assignment
```

```
In [22]: t5
```

Out[22]: ('arsh', 'Saxena')

```
In [29]: l2=list(t5)
         l2[0]="Arsh"
         t5=tuple(l2)
         t5
```

Out[29]: ('Arsh', 'Saxena')