

```
In [36]: 1 # task 11
        2 # strings
        3
        4 quote=('i LOVE my INDIA my')
        5 print(type(quote))
        6 quote.capitalize()
```

<class 'str'>

Out[36]: 'I love my india my'

---

```
In [38]: 1 len(quote)
```

Out[38]: 18

---

```
In [39]: 1 quote.upper()
```

Out[39]: 'I LOVE MY INDIA MY'

```
In [40]: 1 quote.lower()
```

Out[40]: 'i love my india my'

```
In [41]: 1 quote.center(25, '#')
```

Out[41]: '####i LOVE my INDIA my###'

```
In [42]: 1 quote.count('my')
```

Out[42]: 2

```
In [43]: 1 quote.split()
```

Out[43]: ['i', 'LOVE', 'my', 'INDIA', 'my']

```
In [44]: 1 quote.startswith('i')
```

Out[44]: True

```
In [45]: 1 quote.endswith('INDIA')
```

Out[45]: False

```
In [46]: 1 quote=('i LOVE my INDIA my')
        2 quote.find('LOVE')
```

Out[46]: 2

```
In [47]: 1 quote=('i LOVE my INDIA my')
        2 quote.index('O')
```

```
In [47]: 1 quote=('i LOVE my INDIA my')
         2 quote.index('O')
```

Out[47]: 3

```
In [48]: 1 q='my name is {0}, iam {1}'.format('sanju',24)
         2 q
```

Out[48]: 'my name is sanju, iam 24'

```
In [49]: 1 n='6789wxyz'
         2 n.isalnum()      # alpha numeric
```

Out[49]: True

```
In [50]: 1 n.isdecimal()   #only decimal-true
```

Out[50]: False

```
In [51]: 1 n.isdigit()    # only digit-true
```

Out[51]: False

```
In [52]: 1 quote=('          i LOVE my INDIA my')
         2 quote.lstrip()
```

Out[52]: 'i LOVE my INDIA my'

```
In [53]: 1 quote=('i LOVE my INDIA my          ')
         2 quote.rstrip()
```

Out[53]: 'i LOVE my INDIA my'

```
In [62]: 1 quote=('i love my country')
         2 quote.title()
```

Out[62]: 'I Love My Country'

```
In [80]: 1 quote=('i love my country')
         2 quote.replace('country','india')
```

Out[80]: 'i love my india'

```
In [88]: 1 quote=('i','love','my','country')
         2 k='#'.join(quote)
         3 k
```

Out[88]: 'i#love#my#country'

```
In [111]: 1 ## two/sep
```

```
In [13]: 1 ### tuples
         2 t=('car',24)
         3 type(t)
```

Out[13]: tuple

```
In [23]: 1 t=(21,12,14,85,45,63,35,44)
         2 max(t)
```

Out[23]: 85

```
In [22]: 1 min(t)
```

Out[22]: 12

```
In [24]: 1 sum(t)
```

Out[24]: 319

```
In [25]: 1 len(t)
```

Out[25]: 8

```
In [30]: 1 print(t*3)

(21, 12, 14, 85, 45, 63, 35, 44, 21, 12, 14, 85, 45, 63, 35, 44, 21, 12, 14, 85, 45, 63, 35, 44)
```

```
In [2]: 1
         2 v=(1,2,3,4,5)
         3 y=(1,2,3,4,5)
         4 v+y
```

Out[2]: (1, 2, 3, 4, 5, 1, 2, 3, 4, 5)