

In [1]:

```
l = [('Sachin Tendulkar',34357),('Ricky Pointing',27483),('Virat Kohli',24936)]  
  
sort_data = sorted(l,key = lambda x : x[1])  
print(sort_data)
```

```
[('Virat Kohli', 24936), ('Ricky Pointing', 27483), ('Sachin Tendulkar', 34357)]
```

In [6]:

```
l = [1,2,3,4,5,6,7,8,9,10]  
  
list(map(lambda x : x**2,l))
```

Out[6]:

```
[1, 4, 9, 16, 25, 36, 49, 64, 81, 100]
```

In [7]:

```
l = [1,2,3,4,5,6,7,8,9,10]  
  
tuple(map(lambda x : str(x),l))
```

Out[7]:

```
('1', '2', '3', '4', '5', '6', '7', '8', '9', '10')
```

In [25]:

```
from functools import reduce  
  
num = list(range(1,26))  
reduce(lambda x,y : x*y,num)
```

Out[25]:

```
15511210043330985984000000
```

In [26]:

```
l = [2,3,6,9,27,60,90,120,55,46]  
  
list(filter(lambda x : x%2 == 0 or x%3 == 0,l))
```

Out[26]:

```
[2, 3, 6, 9, 27, 60, 90, 120, 46]
```

In [28]:

```
str = ['python','php','aba','radar','level']  
  
list(filter(lambda x : x == x[::-1],str))
```

Out[28]:

```
['php', 'aba', 'radar', 'level']
```

In [ ]: