```
In [10]:    #ANSWER 6

In [11]:    l = ['python', 'php', 'aba', 'radar', 'level']

In [12]:    list(filter(lambda x:x==x[::-1] , l))

Out[12]:    ['php', 'aba', 'radar', 'level']

In [ ]:

In [13]:    #ANSWER 5

In [14]:    l1 = [2, 3, 6, 9, 27, 60, 90, 120, 55, 46]

In [16]:    list(filter(lambda x:x%2==0 or x%3==0, l1))

Out[16]:    [2, 3, 6, 9, 27, 60, 90, 120, 46]

In [ ]:

In [38]:    #ANSWER 4

In [39]:    from functools import reduce

In [ ]:     l = list(range(1,26))

In [ ]:     reduce(lambda x,y:x*y , l)

In [42]:    #Answer - 15511210043330985984000000

In [ ]:

In [ ]:

In [43]:    #ANSWER 2
```

```python
In [44]: l3 = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]
```

```python
In [45]: def find_sqr(n):
             return n**2
```

```python
In [ ]: list(map(find_sqr, l3))
```

```python
In [ ]: #Answer : [1, 4, 9, 16, 25, 36, 49, 64, 81, 100]
```

```python
In [ ]: list(map(lambda x:x**2, l3))
```

```python
In [53]: #Answer : [1, 4, 9, 16, 25, 36, 49, 64, 81, 100]
```

```python
In [ ]:
```

```python
In [ ]:
```

```python
In [ ]: #ANSWER 3
```

```python
In [54]: l0 = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]
```

```python
In [ ]: list(map(lambda x:str(x), l0))
```

```python
In [56]: #ANSWER : ['1', '2', '3', '4', '5', '6', '7', '8', '9', '10']
```

```python
In [ ]:
```

```python
In [1]: #ANSWER 1
```

```python
In [3]: k0 = [('Sachin Tendulkar', 34357), ('Ricky Ponting', 27483), ('Jack Kallis', 25534), ('Virat Kohli', 24936)]
```

```python
In [9]: k0.sort(key=lambda item: item[1])
```

```python
In [10]: print(k0)

[('Virat Kohli', 24936), ('Jack Kallis', 25534), ('Ricky Ponting', 27483), ('Sachin Tendulkar', 34357)]
```

In [ ]: