

In [ ]:

## reduce()

In [2]:

```
import functools
list=[1,3,5,6,2]
print ("The sum of the list element is :", end="")
print(functools.reduce(lambda a,b: a+b , list))
```

The sum of the list element is :17

In [ ]:

## zip()

In [3]:

```
name=["Ashwin","Mayur","Tanmay"]
roll_no=[1,2,3]
mapped = zip(name, roll_no)
mpped= set(mapped)
print("The zip result is :", end="")
print(mapped)
```

The zip result is :<zip object at 0x000002280CB60F08>

## enumerate()

In [ ]:

*#The enumerate() function takes a collection and returns it as an enumerate object.*

*#The enumerate() function adds a counter as the key of the enumerate object.*

In [1]:

```
x = ('Ashwin', 'Ramesh', 'Surse')
y = enumerate(x)

print(list(y))
```

[(0, 'Ashwin'), (1, 'Ramesh'), (2, 'Surse')]

In [ ]: