

# TASK 1 : Program to remove the — ith occurrence of the given word in a list where words repeat by using del() function and put the result in a different list. Check whether deletion is successful or not

## Define funciton

In [11]:

```
def remove_wordt1(list1,word,i):  
    count=0          #to count the occurence  
    index=0          #to count where we are at present  
  
    for j in list1:  
        index+=1  
        if j==word:  
            count+=1  
            if count==i:  
                del(list1[index-1])  
    return list1
```

## Initialize the list

In [12]:

```
l1=['me','my','I','he','she','my','he','my']  
l2=l1.copy()
```

## Initialize the word with its ith occurrence

In [13]:

```
word='he'  
n=2
```

## Calling the function

In [16]:

```
l2=remove_wordt1(l2,word,n)  
print(l1)  
print("After the deletion the list becomes :{}".format(l2))
```

```
['me', 'my', 'I', 'he', 'she', 'my', 'he', 'my']  
After the deletion the list becomes :['me', 'my', 'I', 'he', 'she', 'my', 'm  
y']
```

## TASK 2 : Perform the task to remove the even occurence of the word from the list

### Define function

In [18]:

```
def remove_wordt2(list2,word):  
    count=0 #count the occurence of the word  
    index=0 #count where we are at present  
  
    for i in list2:  
        index+=1  
        if i== word:  
            count+=1  
            if count%2==0:  
                del list2[index-1] #indexing starts from  
    return list2
```

### Declare one list

In [19]:

```
1 list01=['I','me','my','he','she','he','my','he','me']
```

### Declare one word

In [20]:

```
w='he'
```

### Print original list

In [21]:

```
print("Original list: ",list01)
```

Original list: ['I', 'me', 'my', 'he', 'she', 'he', 'my', 'he', 'me']

### Calling funciton by passing arguments

In [22]:

```
list01=remove_wordt2(list01,w)
```

### Print the results

In [23]:

```
print("List after removing every even occurrence of word '{}' is {}".format(w,list01))
```

List after removing every even occurrence of word 'he' is ['I', 'me', 'my', 'he', 'she', 'my', 'he', 'me']