TASK 1 : Program to remove the — ith occurence 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 (Print a msg).

Define function

In [1]:

```
def remove_word_task1(my_list, word, i):
    count = 0    # for counting the occurence of words
    index = 0    # for counting where we are at present

    for j in my_list:
        index += 1
        if j == word:
            count += 1
            if count == i:
                del(my_list[index-1])
    return my_list
```

Initialize the list

In [2]:

```
list1 = ['my', 'I', 'do', 'my', 'he', 'she', 'my', 'he']
list2 = list1.copy()
```

We initialize word with its ith occurence

In [3]:

```
word = 'my'
n = 3
```

Calling the function

In [4]:

```
list2 = remove_word_task1(list2, word, n)
print(list2)
print(list1)
```

```
['my', 'I', 'do', 'my', 'he', 'she', 'he']
['my', 'I', 'do', 'my', 'he', 'she', 'he']
```

TASK 2 : Perform the Above task except deletion must be performed in the same list.

Define function

In [42]:

```
def remove_word_task2(my_list, word, i):
    count = 0    # for counting the occurence of words
    index = 0    # for counting where we are at present

    for j in my_list:
        index += 1
        if j == word:
            count += 1
            if count == i:
                del(my_list[index-1])
    return my_list
```

Initialize the list

In [46]:

```
list1 = ['my', 'I', 'do', 'my', 'he', 'she', 'my', 'he']
lenList1 = len(list1)
```

We initialize word with its ith occurence

In [44]:

```
word = 'my'
n = 3
```

Calling the function

In [45]:

```
remove_word(list1, word, n)
print(list1)
if (lenList1>len(list1)):
    print("Deletion was successful :)")
else :
    print("Couldn't delete :(")
```

```
['my', 'I', 'do', 'my', 'he', 'she', 'he']
Deletion was successful :)
```

In [ ]: