

# Program to remove the ith occurrence of the given word in a list where the list repeats.

## Program Logic

### 1. Define function to remove the ith occurrence of repeated word

A. Send the parameter. B. Initialize count and the index at zero. C. Iterate list of finding the ith occurrence. D. Remove the ith occurrence using pop(). E. Return the updated list.

2. Define list with repetition of word. 3. Select the word you want to delete. 4.

## Define a Function

In [2]:

```
def remove_word(my_list, word, i):  
    count = 0 # for counting the occurrence of word  
    index = 0 # for counting where we are present  
  
    for j in my_list :  
        index += 1  
        if j == word:  
            count += 1  
            if count == i:  
                my_list.pop(index - 1) # indexing in list starts at 0  
  
    return my_list
```

## Initialize the list

In [5]:

```
l1 = ['my', 'i', 'do', 'my', 'he', 'she', 'my', 'he']
```

## We initialize word and its ith occurrence

In [6]:

```
w = 'my'  
n = 3
```

## Call The Function

In [7]:

```
print ("the list before deletion",l1)
print ("the list after deletion",remove_word(l1,w,n))
```

the list before deletion ['my', 'i', 'do', 'my', 'he', 'she', 'my', 'he']  
the list after deletion ['my', 'i', 'do', 'my', 'he', 'she', 'he']

In [ ]: