

INSERT AS LAST NODE IN A LINKED - LIST

Insert Last ():

Description: Here **START** is a pointer variable which contains the address of first node. **ITEM** is the value to be inserted.

```
1.   If (START == NULL) Then           [Check whether list is empty]
2.       START == New Node
3.       START->INFO = ITEM
4.       START->LINK = NULL
5.   Else
6.       Set PTR = START                [Initialize PTR with START]
7.       Repeat While (PTR->LINK != NULL)
8.           PTR = PTR->LINK            [Until PTR reaches last node]
           [End of While Loop]
9.       PTR->LINK = New Node          [Assign address of new node to
PTR]
10.      PTR = PTR->LINK                [Move PTR to next node]
11.      PTR->INFO = ITEM
12.      PTR->LINK = NULL
           [End of If]
13.   Exit
```