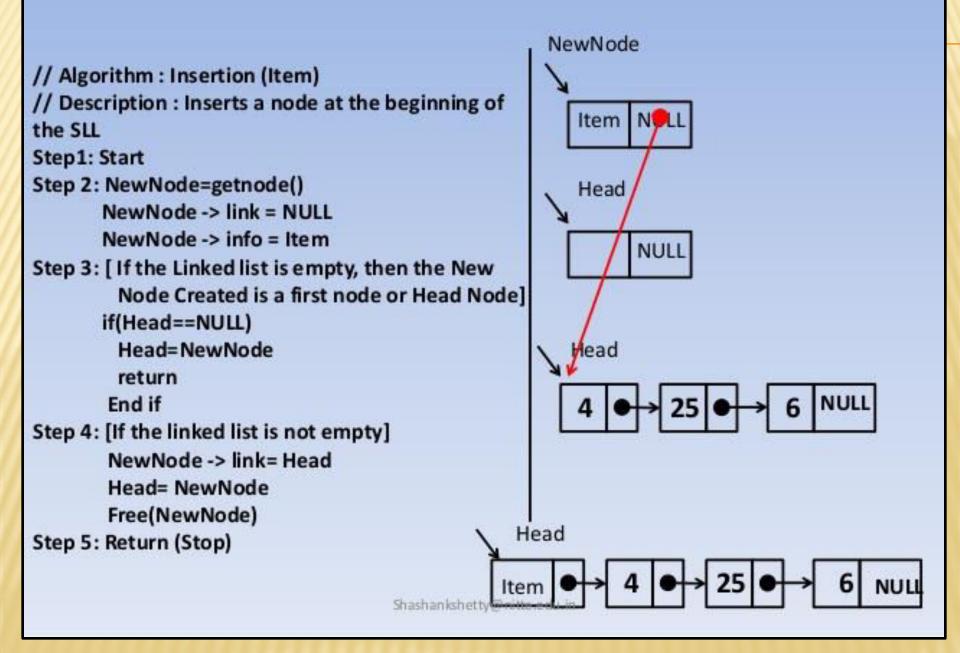


1) Insert a node at the beginning of the list



2) Insert a node at the End of the list // Algorithm : Insertion (Item) // Description : Inserts a node at the End of NewNode the SLL Step1: Start Item NULL Step 2: NewNode=getnode() NewNode -> link = NULL NewNode -> info = Item Head Step 3: [If the Linked list is empty, then the New Node Created is a first node or Head NULL Nodel if(Head==NULL) Head=NewNode Head Cur Cur return End if 6 NULL Step 4: [If the linked list is not empty] Cur= Head While (Cur-> link !=NULL) Cur=Cur->link end while Head Step 5: Cur -> link= NewNode Step 6: Free(NewNode) item NULL Free (Cur) Shashankshett Step 5: Return (Stop)

1) Delete a node from the beginning of the list

```
// Algorithm : Deletion (Item)
// Description : Delete a node from the beginning of
the SLL
                                                                                 List
Step1: Start
                                                                               Empty
Step 2: [If Empty List]
        If (Head==NULL)
        Display ("List Empty")
                                                           Head
        Return
        EndIf
                                                                 NULL
Step 3: [If the linked list is not empty]
       Temp=Head
        Head=Head-> link
                                                       Head Temp
        display (temp->info)
        Free(Temp)
                                                                                    NULL
Step 4: Return (Stop)
                                                                       Head
                                      Shashankshetty@nitte.edu.in
```

2) Delete a node from the End of the list

