

SEARCH UNSORTED LINKED - LIST

Search Unsorted ():

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

1. Set PTR = START, LOC = 1 [Initialize PTR and LOC]
2. Repeat While (PTR != NULL)
3. If (ITEM == PTR->INFO) Then [Check if ITEM matches with INFO field]
4. Print: ITEM is present at location LOC
5. Return
6. Else
7. PTR = PTR->LINK [Move PTR to next node]
8. LOC = LOC + 1 [Increment LOC]
9. [End of If]
10. [End of While Loop]
11. Print: ITEM is not present in the list
12. Exit