

## 1.Find merge point of two lists.

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```
> #include <bits/stdc++.h>...

// Complete the findMergeNode function below.

/*
 * For your reference:
 *
 * SinglyLinkedListNode {
 *     int data;
 *     SinglyLinkedListNode* next;
 * };
 */
typedef SinglyLinkedListNode* node;
int findMergeNode(SinglyLinkedListNode* head1, SinglyLinkedListNode* head2) {

    for(node temp1 = head1; temp1!=NULL;temp1= temp1->next){
        for(node temp2 = head2;temp2!=NULL; temp2 = temp2->next){
            if(temp1==temp2){
                return temp1->data;
            }
        }
    }
    return -1;
}

> int main() ...
```

Output:

#### Compiler Message

Success

#### Input (stdin)

1	1
2	1
3	3
4	1
5	2
6	3
7	1
8	1

#### Expected Output

1	2
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