Aim:

To count nodes in a singly linked list.

Algorithm:

1. Initialize counter.

2. Traverse list, incrementing counter.

3. Print result.

Code:

```c
#include <stdio.h>
#include <stdlib.h>

struct Node {
    int data;
    struct Node* next;
};

int count(struct Node* head) {
    int c = 0;
    while(head) {
        c++;
        head = head->next;
    }
    return c;
}

int main() {
    struct Node* head = malloc(sizeof(struct Node));
    head->data = 1;
    head->next = malloc(sizeof(struct Node));
    head->next->data = 2;
    head->next->next = NULL;
    printf("Node count = %d\n", count(head));
    return 0;
}
```

Output:

```
Node count = 2
```

Result:

Node count printed successfully.