```c
/*Write a user defined function to count the number of nodes present in a single linked list. */

#include<stdio.h>
#include <stdlib.h>
#include <malloc.h>

struct node
{
    int data;
    struct node *next;
} * start, *current, *newnode;

void main()
{
    int x;
    newnode = (struct node *)malloc(sizeof(struct node));
    printf("Enter the value of x");
    scanf("%d", &x);
    newnode->data = x;
    newnode->next = start;
    start = newnode;
}

void count()
{
    struct node *p;
    p=start;
    int c=1;
    while(p->next!=NULL)
    {
        p=p->next;
        c++;
    }
    printf("The number of nodes are %c",c);
}
```