

```
#include<stdio.h>
#include<stdlib.h>
struct node
{
    int data;
    struct node*next;
};
struct node*createnode(int data)
{
    struct node*newnode=(struct node*)malloc (sizeof(struct node));
    newnode->data=data;
    newnode->next=NULL;
    return newnode;
};
void insert(struct node**head,int data)
{
    struct node*newnode=createnode(data);
    if(*head==NULL)
    {
        *head=newnode;
    }
    else
    {
        struct node*temp=*head;
        while(temp->next!=NULL)
        {
            temp=temp->next;
        }
        temp->next=newnode;
    }
}
void display(struct node*head)
{
    struct node*temp=head;
    while(temp!=NULL)
    {
        printf("%d->",temp->data);
        temp=temp->next;
    }
    printf("NULL\n");
}
int main()
```

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    }  
    temp->next=newnode;  
}  
}  
void display(struct node*head)  
{  
    struct node*temp=head;  
    while (temp!=NULL)  
    {  
        printf ("%d->", temp->data) ;  
        temp=temp->next;  
    }  
    printf ("NULL\n") ;  
}  
int main()  
{  
    struct node*head=NULL;  
    insert (&head, 10) ;  
    insert (&head, 20) ;  
    insert (&head, 30) ;  
    display(head) ;  
    return 0;  
}
```



D:\Sample\linked\_list.exe



10->20->30->NULL

Process returned 0 (0x0)    execution time : 0.000 s

Press any key to continue.

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