#include<stdio.h>

#include<stdlib.h>

struct node{

int data;

struct node \*next;

}\*head,\*temp;

int count=0;

void insert(int val){

struct node\* newnode = (struct node\*)malloc(sizeof(struct node));

newnode->data = val;

newnode->next = NULL;

if(head == NULL){

head = newnode;

temp = head;

count++;

} else {

temp->next=newnode;

temp=temp->next;

count++;

}

}

void display(){

if(head==NULL)

printf("no node ");

else {

temp=head;

while(temp!=NULL) {

printf("%d ",temp->data);

temp=temp->next;

}

}

}

void last(int n){

int i;

temp=head;

for(i=0;i<count-n;i++){

temp=temp->next;

}

printf("\n%drd node from the end of linked list is : %d" ,n,temp->data);

}

int main(){

struct node\* head = NULL;

int n=3;

insert(1);

insert(2);

insert(3);

insert(4);

insert(5);

insert(6);

printf("\nlinked list is : ");

display();

last(n);

return 0;

}