

Afnan-15cs058

20-may-2020

```
#include <stdlib.h>
struct node
{
    int data;
    struct node next;
};

struct Node reverse(struct Node head,int k)
{
    struct Node current= head;
    struct Node next= Null;
    struct Node prev= Null;
    int count = 0;
    while(current!=Null && count<k)
    {
        next= current->next;
        current->next = prev;
        prev= current;
        current= next;
        count++;
    }
    if ( next!=Null)
        head->next= reverse( next,k);
    return prev;
}

void push( struct Node ==head_ref,int new_data)
{
    struct Node= new_node= (struct Node) malloc(sizeof(struct Node));
}

int main()
{
    Struct node *prev,*head,*p;
    int n,i;
    printf ("number of elements:");
    scanf("%d",&n);
    head=NULL;
    for(i=0;i<n;i++)
    {
        p=malloc(sizeof(struct node));
        scanf("%d",&p->data);
        p->next=NULL;
        if(head==NULL)
            head=p;
        else
            prev->next=p;
    }
}
```

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```
prev=p;  
}  
return 0;  
}
```

Programme 02

Enter
number
5

```
5 4 3 2 1  
4 3 2 1  
3 2 1  
2 1  
1  
rows = int(input("enter number of rows "))  
for i in range(0, rows + 1):  
    for j in range(rows - i, 0, -1):  
        print(j, end=' ')  
    print()
```