```
File Edit Search Run
                            Compile Debug Project C
                                 STACKLIS.C =
#include<stdio.h>
#include<comio.h>
#include<stdlib.h>
#define size 5
int count=0;
struct node{
int data:
struct node *next:
}; struct node *top=NULL;
void push(){
struct node *temp;
int item:
if (count==size){
printf("\noverflow"):
elsef
temp=(struct node*)malloc(sizeof(struct node));
printf("\nenter value:")
scanf("%d",&item);
temp->data=item;
temp->next=top;
1:1 ---
F1 Help Alt-F8 Next Msg Alt-F7 Prev Msg Alt-F9 Compi
```

```
File Edit Search Run Compile Debug Proj
                                 STACKLIS.C =
temp->next=top;
top=temp;
count=count+1;
}
void pop(){
struct node *temp;
if(top==NULL){
printf("\nunderflow");
else{
temp=top;
printf("\npopped element is %d",temp->data);
top=top->next;
count=count-1;
free(temp);
}
void display(){
struct node *temp;
printf("\nenter elements in the stack:\n");
   F1 Help Alt-F8 Next Msg Alt-F7 Prev Msg
                                         Alt-F9 C
```

```
Compile Debug
                                                 Project
                 Search
                          Run
           Edit
    File
                                     STACKLIS.C
printf("\nenter elements in the stack:\n");
if(top==NULL){
printf("\nunderflow");
}
else{
temp=top;
while(temp!=NULL){
printf("%d",temp->data);
temp=temp->next;
}
}
opid main(){
int choice;
clrscr();
while(1){
printf("Superform operations on stack(Sul) PushSul) Pop
printf("\nenter choice:"[]:
scanf("xd",&choice);
switch(choice){
case 1: push(); break;
     = 61:1 =
F1 Help Alt-F8 Next Msg Alt-F7 Prev Msg Alt-F9 Compile
                                                    0
                      5€
                                        8
                                              9
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                                                   0
                                      U
                           G
```

```
= STACKLIS.C
while(temp!=NULL){
printf("%d",temp->data);
temp=temp->next;
void main(){
int choice;
clrscr();
while(1){
printf("\nperform operations on stack:\n1) Pus
printf("\menter choice:");
scanf ("wd", &choice);
switch(choice){
case 1: push(); break;
case 2: pop(); break;
case 3: display(); break;
case 4: exit(0); break;
       67:1 ====
F1 Help Alt-F8 Next Msg Alt-F7 Prev Msg
                                          Alt-
```