```
File Edit
                              Compile Debug Project Options
                                                                    Window
                                                                            Help
                 Search
                         Run
                                   QUEUELIN.C =
                                                                           -1=[†]:
#include<stdio.h>
#include<comio.h>
#include<stdlib.h>
struct node
int info:
struct node *link;
*f=NULL,*r=NULL;
int main()
int c:
clrscr();
while(1)
printf("\n Main menu");
                                                           Activate Windows
printf (
printf (
                                                           Go to Settings to
printf (
                                                           activate Windows.
printf (
                               ");
```

```
Run
                              Compile Debug Project
                                                         Options
                                                                     Window
    File
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                                                                             Help
                 Search
                                    QUEUELIN.C =
                                                                            -2=[†]-
=[ 🔳 ]=
printf("enter the choice
                               ");
scanf ("%d",&c):
switch(c)
case 1:
push();
break;
case 2:
pop();
break;
case 3:
display();
break;
case 4:
exit(1):
break:
                                                           Activate Windows
default:
printf("wrong choice\n");
                                                            Go to Settings to
                                                            activate Windows.
       41:28 =
F1 Help F2 Save
                   F3 Open
                            Alt-F9 Compile
                                             F9 Make
                                                       F10 Menu
```

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File
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                                              Project |
                                                        Opt ions
                                                                   Window
                         Run
                                       Debug
                                                                            Help
                                   QUEUELIN.C =
                                                                           2=[†]
 =[ 🔳 ]=
push()
struct node* t;
int item:
t=(struct node*)malloc(sizeof(struct node));
printf("Input the element to be insertedon the top : ");
scanf("xd",&item);
t->info=item:
t->link=NULL:
if (f == NULL)
f=t:
else
r->link=t:
r=t:
return:
                                                          Activate Windows
pop()
                                                          Go to Settings to
                                                          activate Windows.
struct node *t;
if (f == NULL)
   — 61:28 ——(I
F1 Help F2 Save F3 Open
                            Alt-F9 Compile
                                            F9 Make
                                                      F10 Menu
```

```
Compile Debug Project Options
≡ File Edit Search Run
                                                                  Window
                                                                         Help
                                 QUEUELIN.C =
-[•]-
                                                                         2=[1]=
if (f ==NULL)
printf("queue empty");
else
t=f;
printf("delete the %d element ",t->info);
f=f->link:
free(t);
return;
display()
struct node *ptr:
ptr=f;
if (f ==NULL)
printf("queue is empty");
else
                                                         Activate Windows
printf("queue elements : \n");
while(ptr!=NULL)
                                                         Go to Settings to
ť
                                                         activate Windows.
printf("xd\n",ptr->info);
ptr=ptr->link;
     = 81:28 -----
  Help FZ Save F3 Open
                           Alt-F9 Compile
```

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Edit
    File
                 Search
                              Compile
                                               Project |
                                                        Options
                                                                    Window
                         Run
                                        Debug
                                                                            Help
                                  = QUEUELIN.C =
                                                                           -2=[1]=
printf("delete the xd element
                                ',t->info);
f=f->link;
free(t);
return:
display()
struct node *ptr;
ptr=f:
if(f==NULL)
printf("queue is empty");
else
printf("queue elements : \n");
while(ptr!=NULL)
printf("xd\n",ptr->info);
                                                           Activate Windows
ptr=ptr->link;
                                                           Go to Settings to
printf("\n");
                                                           activate Windows.
return;
       85:28 =
```

2.Delete 3.Display 4.Quit enter the choice : 1 Input the element to be inserted on the top: 5 Main menu1.insert 2.Delete 3.Display 4.Quit enter the choice : 3 queue elements : Main menu1.insert **Activate Windows** 2.Delete 3.Display Go to Settings to 4.Quit

activate Windows.

Main menul.insert

enter the choice : \_

PROGRAM: 7 Date: 1 / 1) white a program of queue ins using lineal fist #-include < stdio. hs It include (ionioins # Include < stallib-hs Struct nock int info; Struct node \* link > \* F = MULL, \* T = ALULL' int main() int C; C(7301 (); while (1) printf ("In Hair menu"); prints ("I insert \n"); printf (" 2. della \n'); printt ("4. quit "); prints (" Enter the choice:"); scanf ("%d", &c); Scotten (1) case 1:

case a:

push ();

break;

```
papergrid
popi);
break;
display 17;
break
ceuse a:
exit (2);
 break;
dejault:
prints Corong chorce\n");
 push()
Smull node * t'
 Int 'tem'
t = (struct node *) malloc(size of (struct node));
prints ("input the element to be inserted : ");
Scomf ("%d', & (tem);
t-> Ingo = Item;
t -> link = NULL;
IF (F == NULL)
f-ti
1 - Junk=ti
r=t;
 return's
 POP ()
struct nocle * +;
```

Distac 1 1

```
IF (FOR ALDAL)
print + ("queue empy");
t. F;
printf ("delet the old element", to singos;
F = F -> link's
Free (11;
return,
display ()
 Struct noch + pH's
 prv = F;
 IF (F = = NULL)
 print f (" quell is emply ");
 else.
 Print l' que elements. : \n');
 while (pHI = MULL)
 print f [" " od \n", ptr > ingo);
  ph = ph -> link')
  printf 7"In"7;
   return ,
```

DUTPUT Moun monu. 1. insert 2. Delete 3. Disping 4. quet Enter the choice 1 Input the eament to be insert the top: 9 Meur munu 1- insert 2. Delete 3 · Display 9 - Quit enter the choice: 3 queae econonis: 5