```
# include estdio. h)
Hinclude astalibility
 void pushed')
 void popes;
 void displayed;
 Struct rode
3
  int deteir
  struct node *next )
i B
Struct rode * top= NOLL;
Int main (int aggs, chas the aggs)
 int choice's
  90
PRINTEC" (NL push (N2-Oispley (N3. pop (N4. Exit\n"))
 3
  PAINTAC"IN Enter Your choice: ");
 score (" '1.d", & choice)
 Switch (choice)
3
(csel: pushc)', baeck's
(ase 2: display(); bleat;
case 3'. Pop ()', back'
case h: exil (O); black;
default exitled')
3
gwhile (choice ! =4)')
3
```

```
Void push()
int itemi
 Struct rode * reunade)
Paintec' Entea He element")
  Scant C'II. 12", Ditem D's
newhode = (Struct nator) molloc (side of (struct node))
newrodo -> detexitem)
                               1 Jyony shor / July
record o - Drext= NULL')
 i +ctop==NULL)
 top= new rode;
 else
                       tot Rodo ( solo dri) risin in
  neurodo ->next=top;
      top: newnode;
groid pope)
S+CPP== NOLL) 103 : Ent poly 100 - ent dela for
     print+ ("ster is empty) clse
    {
     paint+c" e lorat is 11d", top-> 20te)
      Wp=hp->next")
                         18 888 6 100 N 209 136
    3
                          ( dook of the poly its
noig girbran
                           Coper distance
                           And Colliss
 Stauct rode * tomp;
 temp=temp;
if ( lop == NOLL)
```

```
point+('steak nempty))
 while (temp!=NOL)
   paint & cild, I tem p->detc(a)'s
  tenp=tenp-mext)
 3
winclude estatio. h)
Hinclude estalib LD
 struct node
{
  int detei
  struct node text's
95
void inseat ();
void display coi
Void delC)
Struct rode * 9ees = NOLL, * frint = NOLL)
int man ( ) nt age, chis stage)
3
   int choice's
   PANITL'INI. (Rede (12.0) sply in 3. Delete invexition)
   print f l' in Enter your chine: "1)
   Scenf ("·1·d", graha) red',
  switch (chaice)
S
   case 1: inseal-(); bareck 1,
  Casez: disphy (); brecki
 case 3: del (); break.
  cases: exist(0)
 9
```

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Julile (chice: 4)
 void inserte)
cobon son to show to out?
newnode: (sta.d node") malloc (size of (stant mode))")
 Deid Jases + print-Pc" Enter he element; ""); sconf ("Id" at eunede
                                        1 A collet -> detes.
  neurode - mext nully
  1 & ( Deca = = NOLL)
  3
    hear = new node;
    frand = newrode;
   E eve {
   2 ecs -> rext = remode
    Sect - ) newrold
              A CHAIN CHALLE WILL EXSON OF THE
  4
 4
  void delC)
 [ ] + L fxnt == NUZU)
     painte l'avere is comptyin" ); de tron;
                                 8 M/ Stat > IN/ " ) lelas"
  3
                        ETP :Simb Roll Barry 19 7 1 1 1
   else
   8
  Paintfl' Deleted etc is 1.01, facnt-soldes;
   i + ( flent = = secs)
                                 1 3 50 8 d ( ) JE 52 n 1 3 20 2 C
  { PRINTAL" Queve is empty (A); could coopygins
     front NULL ISCON NIL
    else
   9
```

```
faul-faunt->next;
void displaye)
 Stauch and * temp;
 if (facat--NUL)
    painta l'I levere is empty"s
    Sietuan 's
  Gemp= fant
   pan+("ol.d", -> dote);
                          Tom ( +ohox fush ) - abon in
    temp=lemp->next)
                                 noti an yatri "juriyar
                   1 (otobe - dur con of "h" ) 2002
```