```
# Enclude Z stdio. hy
# Onclude / Stellebiny
# Induce Lunio, hr
Strutt node
   ont onfo;
  Struct node & lank;
   type def struct nocle "NIDDE;
   NUDE getnude ().
    £
     X= (NODE) malloc (Street (Struit node));
     MODE X;
      El (x==NULL)
        prot ("mem full \n");
        exet(0);
       g
iretaan x;
        nord fueenode (NODEX)
       E fuecx);
        MODE Orsert-front (MODE first, Out item)
          MODE temp;
          temp = getwell ();
          temp > onto = atem;
          temp -> lank = MULL;
ef C forst = = NULL)
```

```
post (" list is emply cannot delete \n");
  Return first;
temp= first;
 temp=temp->lone;
 pronty ("ever deleted at front -end is > 1/d m,", first -> info);
  fue (first);
   Return temp;
  y
MODE Biseit-rear (MODE first, Out item)
    MODE temp, wa;
    temp = getnode();
    temp-> onfo= etem;
     temp->lonk= nwii;
     of Ifarst = = NULL)
     Return beny;
      Cur = forst?
      while (us-ylang) = NWLL)
      au -> lon = temp;
       Return first;
      Y
     MODE delete - real (NUDE first)
    MODE aux, prev;
     of (first = = NWIL)
     prantf (" list is empty cannot delete \n");
      return forst;
    of (first -> lona == MULL)
       prontf Cu trem deleted is 1/d \n", forst ->tufo);
      fuee (forst);
       return MULL;
```

```
prev = uu;
cus = lus - ylona;
 pronty ( "stem deleted at rear-end is 1.d", we-y onfor;
  free (au);
   prier -> Con = MULL;
   Letur forst;
  noed daplay ( MODE ferst)
   MODE forst = MULL;
for (;;)
     pasnif cun1: meet - front In 2: Delete - front In 5: Insert-real
             \n4: Delete - reae In 5: Desplay - list Inb: Gottin");
     prontf ("ENTER THE CHOICE In");
      scang (u.j.d ", & chance);
       swatch (choice)
        case 1: prontf (" Enter the Gern at funt end In");
        Scary " " 1.d " Altern);
        first = Basert - front (first, Etem);
         case 2: first = delete- front (first);
         break;
         case 3: prentf (" Enter the Elemat rear - end \n");
          Scanf (".1.d", Latern);
           first = insert - reas (first, item);
            break;
           case H; first = delete real (first);
           break :
            cases: display (first);
            default: ext(0);
            break;
```