```
# Include (stobo. h)
# Include (conso.h)
# deline N 3
Int queue [Z] [N];
Int front (7) = (0,0,0);
Int year [3] = 4-1, -1, -1, -1.3;
Int Hem. pr;
vold manche
 whole (1) &
   pantf(" - - - - Prostly Queue - - - - ");
  Pante C" In 1: Poinsest In 2: Pop delete In 7: Pop desplay In 4: exit In");
  pante ("enter choice");
   scarf ( " Id", lch );
   Switch Cohil
    case 1: panti ("enter paroxily nola");
         scarf(" 1.d" & px);
          If (pr) 0 Re pr (4)
           pagnést (pr-1);
          else prant (" only 3 prioraly exists 1, 2, 310");
        break?
     case?: pydelete; break;
    case 7: desplay; break;
    care 4: ex 2+ (0);
  pagnsert (9nt pr) (
      9f ( reax Cp8] == N-1)$
       point (" queue over Houla").
      elset
       prantf ("enter 1 fem In");
       scarl (" Id", & I tems;
```

```
rear [pr]++;
  queue [px] [ reax [px]] = Item;
 rehim;
pg delete () (
 Int 9:
  Por 4 = 0; 9 < 3; 9++) {
      9f (rear [9] == front (9]-1)
       panticuqueure emptyla");
     prante (" deleted 8 tem 1.d from queue 1.d1,",
           queue (93 ( front (377, 9+1);
        front []++;
       return;
desplay() {
 Int 9, 3;
  Por (9 =0; 9< 3; 9++) [
     1/(sear(2) == front (3)-1)
         pagnif (" queue emply "In", 9+1);
      else e
        pront & C" In Queue (d: In", 9+1);
           lor ( g = front []; g < = rear [9]; g++)
             part (" IdIt", queue (77597);
       return;
```