Diogram 3 it include (Chlib.h) 4 define MAX 5 # wichole 5 stdis h> int queene EMAX J; resid dequeue (cent * front, unt * verse) cif (* front = = * ver)

plunt ('In Dreve is rempty.'');
else relety () print ("Deleted = % d", quiere [* front]) (* fesut) ++; if (* front = = * wear) * front = # mear = -1; usid duplay (int & front, int * rear) if (for very = -1)

[proint l' \n Queue is compty!!!), funt ("In decene contects");

for ((= * efrest; 1' < = * veror; 1++)

print (" % od \ + ", querce [] 3); unt unain 11 unit front = -1, view > 1;

```
noticle (1) L
      puntf ("n [. Insent (s Duene");
      puint (" In 2. delete from Queene");
      pering (" 1 m 3. Display the exitent");
      penut (" Inq. Eint");
      built (" Enter your option");
      Land (" "od", & clisice);
       switch (choice) {
           case 1: puint (" Enter the demend - \n"),
                   erqueue ( value, & front, & rear);
                   buests;
            Tase 2: degenere ( & ofront, & very)
                   buck;
            corse 3: display (& front, & crear)
                   bueak;
             Cose 9: deliver 0;
            default printf l' Vou have ented ette code ! "/
                       Que
         redutu 0;
      void enquere l'int value, cint & front, cint « cress!
           if (* veor = MAX-1)

puille (" Ducue is Fuel!!!);
else 1
                 inf (* front = = 1)

* Grout = 0
                        ( + very ) + +;
                      quere [* dear ] = cualere;
```