```
NAP to studed the working of a claudar grane of Portegers usting operations. Provide the jollowing operations.
 apprent
  Hodete
The program should pront appropriate mensage jor greene empty and quare overflow cond offons.
                                         و في المور خورط و وا واحد د الم
#Prulude < Stato. h>
                                            ( - ) Litar P ( I at ) m
# Pulled e Lion (PO. h)
 # Prulude < std Pb. h>
# deplue QUE_SIZE 3
out 9 tem jaout = 0, real = -1, q, [QUE_SIZE], count = 0;
 () easetteen bow
  Pluma == QUE-SIZE)
                                                              1 may log 1
      poonly ("queue overylow \n");
                                                             " whart but
      redum,
                                                                 1:10
    real = (heart1) % QUE_SIZE;
                                         wheel wind that " play
                                      the water war where
    q (seol) = 9tem;
    count++;
                                           cary " " ded", exhores "
                                                    Les Parles 1862
  Put delete prout()
                                     mit & edt sakus " I twee 1 1 m.
   if trount = = 0) solven 1;
   Pront = (front);
front = (front+1)%. QUE_SIZE;
    lout = colunt - 1;
                                    11 hamptelse ....
    redum 9tem;
```

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norg gestond
  Put 1, 1;
1/ ( whit = = 0)
  1 postuly 1" queue is empty (")
                                  "yno hing bleads ...
                                      his has a marken on any
    Jedum ;
   = pront;
  polity!" contends of greene ("");
                                                CV SCHIAS + bull
                                               CV-Pross obulas,
   for (1=1; 9 <= count; 9++)
                                              EN. FR bto a sheling
    ([[{pp," N b. 10" ) foreg
                                               11/2 what a
     J=(J+1)% QUE-SIZE;
                                              12.2 halfunder
                                                ( ) essetting.
1) war Bigv
1 out morce;
                                            " " may " flusey
 Jos (;;)
    polity!" In 1: Puscet rear In2: delete front in3; alleplay In4: exitin
    permy l'ender the charce \n");
    scanfi" %d", 4 charce);
    swith whice)
     case 1; poly l'ender the Ptem to be Rugerted \n");
             Swy (' %d ",4 Ptem);
             questearl);
                                               I trust 7p. ...
             break;
      cose 2: 9tem = deletejeront (1;
              of (blem = = -1)
              pointy ("grave & compty \");
             polity 19 Hem deleted= 1. d \ n, 9 tem;
             break;
```

case 3: desplay Q(1); break; default: exet (0);