```
Practice program
# include < std10. n>
# defene grige 5
  "ut f=0, n=-1, ch;
 int item, g S103;
                       . C. C. Maring J. L. D. Agreed
 int in full ()
     seturn ( r = = g size - 1);
  3
 ( int inempty ()
   return (f>x);
  3
 void innext_sear ()
   3
       4 (injulia)
         printy ("queue overflow (n");
           setun;
       1= 1+1;
       ginj : item;
  void delite point () ?
    if ( inempty ())
         Printy (a grew underflow (n');
         retan;
```

```
Poloty (" been deleted in J. d\n", g E (4)+1);
      4 (f=n)
           1= -1;
    3
   void innest - front()
       9 5+7 = them;
       return;
     else if (f==0 &$ 1==-1)
      9 E++(1) ] = item;
      return;
   3
    else
      Printy ("insertion not pontible \n");
3
void delete - prear () {
     if (in empty ())
        privity (" quew is empty (n'));
        setusn:
     3
  Printy ("item deleted a %din", gill) -- J');
   4 (+>1) E
      A = 6;
     カニーリン
                                            Scanned with CamSca
```

```
vord display () {
   if (in empty ())
        prints ("queue is empty ("");
         rotum;
     prints ("item deleted a y.d \n", 98 (1)-- );
 vois display () {
      int i;
      if (in empty()) {
            Prints (" queue empty m");
            Seturn;
     for Li=+; i < = x; i++)
         print( ("/ d \", 9 [i]);
 void main () {
       while ( pr != of {
  void maln () {
        hot n=19
       while (n! =0) {
           Print ("1, insert- sear \n 2. insert- front \n 3. delete-
                   to, delete-front In S. display in 6. ents in")
```

Scanned with CamSca

```
print (" enter whoice \n');
    manf ("1,d", & chow) 3
   switch (choice)
     3
       core 1: prints ("entry the item (");
                Scanf (" ". d", & litem);
                 insest - sear ();
                b real ;
      Case 2: printy ("enter the item \");
                 scanf (" 1. d", & tem);
                 invert_ pront ();
                 6 reall;
      care 3: poi delete - sear ();
              break;
     (are 4: delete- front ();
                b seal;
     Care 5: display ();
                 bran;
     Case 6 : n=0;
                breau;
   default: ener (6);
. 3
 3
```

3