ADITHI GURLMAJI 1BM19 C8005 Lab perogram-3. # include (stdio. h) # include { kidlib. h) # define size 3 void enque (intez, int, int*) Void deque (int C) int * int * void display (int C] int of int of) int maine jut queucsize], choice, element, ch, reas = 1 front=0. printy (" Enter your distie \n"); Print ("1. Insert \n 2. Delet: \n3. Display \p") scanf (" % d", & choice); Switch (Choice) ? case 1: paint (" Enter the element to be inserted !") stant (" of d", belement); enque (queux element, & reard) break; (ast 22 dique (queue, & rear, & front); break' case 3° display (queux & Hear, & front) default; print (" Worong choice \n") prints ("De you want to continue? Press o to stop)
elle pren any other number \n").

slant ("%d", &ch). while (chizo);

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setumo",
void enque (int queue [], intele, int * prear)
   if (* priar == size-1)
      print ! " anene overflow. This element cannot be
   added to the quene. In ")
       ( * Drear) ++ "
             [* prear] = ele
void deque Cint queue() int & price, int & pluont?
   1) ((*prear)==-1 && ((*prent)==0))
    print (" Queue is empty \n")
   ¿ print (" Deleted element is % of )n", queue ( * pfront ])
       (( & pleased) > ( & preased)
           (of plant) = 0;
            C* preers = -1;
 void diplay (int queue? int & prier, int & prior)
    print ("The queue elements are \n");

for Ci= (*priorit); ix= (*prear); i++).

? print ("% d) t", queutis);
      print ("\n")
```

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