



#include Cstdio.hl #deline MAX 5 int front=-1, rear =-1; ant queue [MAX]; void Enque (int); int Deque (); void display ();
int main (int argo, char int option; int item; do? printf ("/n - - - - - /n"); printf ("In Circular Quale In"); printf ("In 1. Insert to Queue "); printf ("In 2, delete from one Queue"); printf ("In 4. Exit In"); printf ("Enter the option:"); scanf ("/d", loption); switch (option) case I : printf ("Enter the element In");

scanf ("/d", litem);

Enquo (item);

break;

French Sueue Implemental



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case 2: item = Deque ();
      if (item = = -1)
       printf("Queue is emply \n");
       printf ("Removed element from one queue
       break; AM
case 3: display ();
   break;
case 4: exit (0);
while (option 1=4);
void Enque (intele)
 if (Crear +1) % MAX = = front)
  printf ("Queue is hall In");
  rear = (rear +1) :/ MAX;
  queue [rear] = ele;
  : f (front ==-1)
   front =0;
int Deque ()
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int item: ; f ((front = = -1) && (rear = = -1 item - queue [front]; front = (front +1) 1. MAX; if (front I rear) front =-1; return item; void display() int i; (front == 0) ll (rear == -1)) printf ("Quece is empty In") printf ("In Queue contents: "); for (i= front; i = rear; ++) printf (" + 6 1/d", queue [i]);