```
void Enquelintely
#indude < stdio-h7
#indude < Stallib. h7
                                                     if (rear = MAX-1)
#define MAX 5
                                                        printf("Quene is full \ri);
 int front = 0;
                                                       } rear ++;
 int rear = -1;
 int queue [MAX];
                                                          que [rear] = cle;
  Void Enque (int);
                                                     3
   int begine (1;
   Void display ();
                                                       int Deque()
    int main (intarge, char + argv)
 2
                                                         itt itm;
                                                          1) (1 ront ==-1)
     int option;
     intitem;
                                                             return -1;
   do {
                                                         · de
 printf("\n 1. Invert to Queu (enquis)");
                                                           Eitem=queu[front];
   printf("\n2. dute from Queu ( Agreu)");
                                                              Jont 4+1
  printf("\n3. Displaythecontent");
                                                              if (front > rear)
   printf(" In4. ExitYn');
                                                                 front = - 1)
   printf("Enterthe option:");
                                                                  rear = - 1'
   sanf("1.d", Roption);
   switch (option)
                                                               return item;
  £
   (aue 1 : printf("enter the element \n");
                                                       void display ()
           scanf("/d", kitem);
                                                        ž
            Engue (item);
                                                          int i;
            break,
                                                          if Cfront==-1)
   (auez: item= Requel);
                                                            prints ("Quem is empty hi)
           i)(item ==-1)
                                                           che
            printf ("Queue is empty In");
                                                           printf("In Dum contents:"):
            printf ( "removed dement from the
                                                          for ( i= front; k= rear; i++)
                       queue 1,d", item);
                                                             printf("/d"quung-]);
            break;
   Care 3: display (7)
                                                       3
             break;
   aux: exit(0);
 y while (option !=4);
     returno;
```