deque orinte I mier your choice: "); grant ['t.d', behol of 1 # include estdionh> ( und of b has # define qsize 5.
int 1=0, r=-1, ch; int item, q[10]; int is full ) ( Manni . horrd return (r== qsize-1)?1:0; 5 5 1201 int isempty() in a tolah Louid return (f) 8)? 1:0) : 1 : 10 void insertrearl). (140 921) fif (isful()) Printt ["queuoverflow \n"]; or = resj q[r] = itim; void delete-front () if Compty (1) printf ( quu imptyln'); refurn;

print listem deleted is tod in 19 [4]++1) if (f>r) (イズル)サ #=03 (0=9) (1- = 1 void insert-front () (1 Krold 51P PION { :f [f!=0] f = f-1; (cxplyings) fi q Cf] = item j riturnj for not ( "quai inpoly, (1); Ise if [(f == 0) 14 (r == -1)) { q [++(r)] = item ; (++i; 1=2i (+=)) rot return; ([Dp = w/b]) + taking printe? Insertion not possible in " Jessia biou void delete-rear () mental b. En most foral. San vory-tocain Itain de l'aprint fe (d'que un de empy los)

```
printf ("Him deleted is 1. d m, 9 (10-2);
 if (fZr)
  f=0;
   Y=-13
                             Other Land
void displayes
                                (0=17) +; }
                             (1.1=1
 Ind 1
                                 q [[]=item]
 if (isempty ())
  print ( "quui" impty (n 1);
return; ( (+==)) ! (0== +1) + 100
 ton (i=f) [ = r ; i++ ) [ miti=[(1)++] 0
     printf ["/din", q[i]);
           at Mai 220 a for no though I staire,
 void mainy
                              void whether ()
 for (j;)
 print f [ 1. insert-rear In 2. Insert-tront In 3. deletereur
       m4. deletetront m5. display m6. enit in 1)
printf ( enter the choic in');
```

mark denn scanf ("/d", but ); switch (ch) Hindude estérobs case a : printf ("enter the item (n 1); & M smitsb to scanf ("/d", litem 1: scanf ("/d", litem); insert\_rear ();
break;
break;
case 2: printf ("enter the Etem In"); scanf ("1/d', sitem); tint chi insert-front () (2) Jula break; cases: delete-rear (); printf ["Pricirity Quue m"] break; , case 4 : delete-front () in the firm of the control of break print = ( 10 ) 2: Pudelete In. case 5: display [] print ( 'La 3: Od display var); breaks Scant ( 1/d" (d) ); washing switch (d) (d) default: enit (0); case I: printt ( "menter the printer manber mi) (42 19 8 / 14 mm) 2 (42 19 8 / 14 mm) 2 124 inscr-16 pr-2-) printe L'onig 3 privatyers ists & . 2 310 1/3

Multiple quae il wor " ( ) / ") - i mors #include estdio.hs (witch (ch) int qui [3][N] (motes the strain) france: Description qui qui [3][N] int front[3] = {0,0,0};
int rear[3] = {-1,-1,-1,1}; int item, pr; ("a/ moti sut "stas") itand & seon void main ()\_ ((mstiggible)) rabez tint chis insent front () while (1) toses: delete-rear (1) printf (" m\nil: plinsert \n 1); break ; printf [" min 2: podelete in"); ase 5: visplan C) print("(n 3: pa display ma); ्रेग्यकान scanf ("/-d", ld); defauth: enth (0)): switch (ch) 2: printt ("menterthe priority number m"); scanf ("/d', &pr); it (pt 20) & pr 24) painsent (pr-1); printfl'only 3 priorityen ists 1.2 31n');

core 5 : baggiet e (D) ( ) having min ( ) ] france break; case 3 ni proplayers to be in moti batchib " ) f tring qui w [i] front [i]] , it I 4 : eniflo); tront [i]++; returnj beginser (int pr) 1 if Crear Cpr] = N-1) () polgzib. printf (" in Queu overflow in"); printf ("Inehter the item In") in til Estimation scanf [uild", litera); [i] tront == [i] (Din) 4; rear [pr] ++; que [pr][rear[pr]] = ifem; in H ( , nd mm return ; il lai, ibil would or / ) Atoma for [j=front[i] 1 L=1 cur [i] 1 i+th) f podeletel 2 (( [i][i] musp ( +161."). Hering of crists for (1=0)163 ji++) if (rear [i]==fron [i]-I).

els c print f ("deleted item is /d of queue /d in.).
que ci Iffront [i]], it 1); front [i]++; refurnj ( rg too) - 20201) # (mar [pr] - N-L) display () of the fire During to In )! int int for (1=0;123)1++1)(" or (notice) add (a) ) Hair orintf ('nqua is empty in" it 1) printf ("In Quiu 1-d;", 1+1); for (j=front[i]; j L=rear [i]; j++)
printf ("/d 1+1, que [i][j]) refurn j' (++1; 8 21; 0=1) rol (+ (112 mir) = = (12 mir) +)