LAB-5; priority Queue:	
The state of the s	
#include < stdio.h>	
# include < comio.h>	
# define N3	
July July July July July July July July	
int queue [3][N];	
int front [3] = {0,0,03;	
int rear [3] = {-1,-1,-1};	
int temp, pr;	
(of this toen be	
void main()	
2 (1-M==[x] 3152] +1	
int chy will would me I been	
while (1)	
1/2 al most sur point mist form ?	
printf ("Priority Queuelin);	
printf (" m/t1.8 Painsert In m/t2: Padelete In	
m/t2: Padelete m	
m/t3: Padisplay m	
/n/t4: Exit/n");	
Scant ("1.d", &ch);	
Switch (ch)	
2 1P(N) Colonia (1)	\ \
case 1: printf ("In Enter the priority num	110
Scaret ("1d", 8 pr);	
if (pr>0 && pr <4)	
paintert (pr-1);	
else	8
printf(" lonly 3 priority exist	~
The state of the s	
break;	
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Case 2: pgdelete ();
                break;
 Case 3: display ();
 Cous 4: exit(o);
   if (rear [pr] == N-1)
point f ("In Queue Overflow In");
        Eprit ("In Enter the item In");
Som f (".1.d", & item);
rear [pr][rear[pr]]=item;
   padelete ()
        for (1=0,9(3;1++)
         if (rear [i]== front [i]-1)
         printf (" |queue empty In");
       2 point ("dele ted item is 1.d of queue

1.d m", queue [i][front [i]], its)
          front Ciltt;
          return;
```

