```
//miniony queue
fincludescation.bp
fincludescation.
```

```
If(rear[pr)=Wh-1)
printf("\n Queue overflow\n");
else
{
    printf("\n Queue overflow\n");
    scant[*dw*,sitem);
    printf("\n queue[pr])=item;
    return;
    void pdalete()

int i;
    if(rear[a]=front[i]-1)
    printf("\n queue empty\n");
    else
    printf("deleted item is %d of queue %d\n",queue[i][front[i]],i*1);
    return;
    }
}

void display()
(int i, j;
    for(i=0):i<2;i++)
(if(rear[a]=front[i]-1)
    printf("\n queue empty\n");
    else
    printf("\n queue empty\n");
    return;
    return;
    printf("\n queue empty\n");
    return;
    return("\n queue empty\n");
    return(
```

```
PRIORITY QUEUE
        1:PQinsert
        2:PQdelete
        3:PQdisplay
        4:Exit
enter the choice
enter the priority number
enter the item
10
PRIORITY QUEUE
***
        1:PQinsert
        2:PQdelete
        3:PQdisplay
        4:Exit
enter the choice
2
deleted item is 10 of queue 1
PRIORITY QUEUE
***
        1:PQinsert
        2:PQdelete
        3:PQdisplay
        4:Exit
enter the choice
queue empty
```

```
queue empty
PRIORITY QUEUE
***
        1:PQinsert
        2:PQdelete
        3:PQdisplay
        4:Exit
enter the choice
enter the priority number
enter the item
PRIORITY QUEUE
        1:PQinsert
        2:PQdelete
        3:PQdisplay
        4:Exit
enter the choice
enter the priority number
enter the item
20
PRIORITY QUEUE
***
        1:PQinsert
        2:PQdelete
        3:PQdisplay
        4:Exit
```

```
1
enter the priority number
enter the item
20
PRIORITY QUEUE
***
        1:PQinsert
        2:PQdelete
        3:PQdisplay
        4:Exit
enter the choice
enter the priority number
enter the item
30
PRIORITY QUEUE
***
        1:PQinsert
        2:PQdelete
        3:PQdisplay
        4:Exit
enter the choice
QUEUE 1:10
QUEUE 2:20
QUEUE 3:30
***
                 PRIORITY QUEUE
        1:PQinsert
```

enter the choice

1:PQinsert 2:PQdelete 3:PQdisplay 4:Exit nter the choice nter the priority number nter the item 0 RIORITY QUEUE ** 1:PQinsert 2:PQdelete 3:PQdisplay 4:Exit nter the choice nter the priority number Queue overflow RIORITY QUEUE ** 1:PQinsert 2:PQdelete 3:PQdisplay 4:Exit nter the choice

```
50
PRIORITY QUEUE
***
         1:PQinsert
         2:PQdelete
         3:PQdisplay
         4:Exit
enter the choice
enter the priority number
enter the item
50
PRIORITY QUEUE
***
         1:PQinsert
         2:PQdelete
         3:PQdisplay
         4:Exit
enter the choice
enter the priority <mark>number</mark>
2
enter the item
60
PRIORITY QUEUE
***
         1:PQinsert
         2:PQdelete
         3:PQdisplay
         4:Exit
```

```
enter the priority number
enter the item
60
PRIORITY QUEUE
***
        1:PQinsert
        2:PQdelete
        3:PQdisplay
        4:Exit
enter the choice
QUEUE 1:10
QUEUE 2:20
QUEUE 3:30
***
                 40
                 60
50
                           PRIORITY QUEUE
        1:PQinsert
        2:PQdelete
        3:PQdisplay
        4:Exit
enter the choice
enter the priority number
enter the item
```