

```
1 #include <stdio.h>
2 #include <stdlib.h>
3 #define SIZE 10
4
5 ENTER ITEM TO BE ENTERED
6
7 ENTER 1.insert rear 2.delete front 3.DISPLAY
8 ENTER CHOICE
9
10 1
11 ENTER ITEM TO BE ENTERED
12
13 ENTER 1.insert rear 2.delete front 3.DISPLAY
14 ENTER CHOICE
15
16 1
17 ENTER ITEM TO BE ENTERED
18
19 ENTER 1.insert rear 2.delete front 3.DISPLAY
20 ENTER CHOICE
21
22 1
23 ENTER ITEM TO BE ENTERED
24
25 QUEUE OVERFLOW
26 ENTER 1.insert rear 2.delete front 3.DISPLAY
27 ENTER CHOICE
28
29 3
30 CONTENTS OF QUEUE
31
32 23
33
34 24
35
36 25
37 ENTER 1.insert rear 2.delete front 3.DISPLAY
38 ENTER CHOICE
```

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```
25
QUEUE OVERFLOW
ENTER 1.insert rear 2.delete front 3.DISPLAY
ENTER CHOICE
3
CONTENTS OF QUEUE
23
24
25
ENTER 1.insert rear 2.delete front 3.DISPLAY
ENTER CHOICE
2
ITEM DELETED IS 23 ENTER 1.insert rear 2.delete front 3.DISPLAY
ENTER CHOICE
2
ITEM DELETED IS 24 ENTER 1.insert rear 2.delete front 3.DISPLAY
ENTER CHOICE
2
ITEM DELETED IS 25 ENTER 1.insert rear 2.delete front 3.DISPLAY
ENTER CHOICE
2
QUEUE EMPTY
ENTER 1.insert rear 2.delete front 3.DISPLAY
ENTER CHOICE
2
QUEUE EMPTY
ENTER 1.insert rear 2.delete front 3.DISPLAY
ENTER CHOICE
```