

Experiments\circularQueue.c

```
1  PS C:\Users\gagan\Documents\Data_Structure_And_Algorithm> cd
   "c:\Users\gagan\Documents\Data_Structure_And_Algorithm\Experiments\" ; if ($?) { gcc
   circularQueue.c -o circularQueue } ; if ($?) { .\circularQueue }
2
3  Menu
4  1.Insert
5  2.Delete
6  3.peek
7  4.Display
8  5.Exit
9  Enter your choice: 1
10
11 Enter any number to be inserted in queue: 34
12
13 Menu
14 1.Insert
15 2.Delete
16 3.peek
17 4.Display
18 5.Exit
19 Enter your choice: 1
20
21 Enter any number to be inserted in queue: 45
22
23 Menu
24 1.Insert
25 2.Delete
26 3.peek
27 4.Display
28 5.Exit
29 Enter your choice: 1
30
31 Enter any number to be inserted in queue: 76
32
33 Menu
34 1.Insert
35 2.Delete
36 3.peek
37 4.Display
38 5.Exit
39 Enter your choice: 3
40
41 The topmost element is 34
42 Menu
43 1.Insert
44 2.Delete
45 3.peek
46 4.Display
```

```
47 5.Exit
48 Enter your choice: 4
49
50 Queue elements: 34 45 76
51
52 Menu
53 1.Insert
54 2.Delete
55 3.peek
56 4.Display
57 5.Exit
58 Enter your choice: 2
59
60 The deleted element is 34
61 Menu
62 1.Insert
63 2.Delete
64 3.peek
65 4.Display
66 5.Exit
67 Enter your choice: 4
68
69 Queue elements: 45 76
70
71 Menu
72 1.Insert
73 2.Delete
74 3.peek
75 4.Display
76 5.Exit
77 Enter your choice: 5
78 PS C:\Users\gagan\Documents\Data_Structure_And_Algorithm\Experiments>
```