

```
65 // Utility function to return the size of the queue
66 int queue::size()
67 {
68     return count;
69 }
70
71 // Utility function to check if the queue is empty or not
72 bool queue::isEmpty()
73 {
74     return (size() == 0);
75 }
76
77 // Utility function to check if the queue is full or not
78 bool queue::isFull()
79 {
80     return (size() == capacity);
81 }
```