

**Introduction to Basic Data Structures**

**Queue Built-in Functions:**

| **Name** | **Details** | **Time Complexity** |
| --- | --- | --- |
| **q.push()** | Add an element to the tail/back of the queue. | O(1) |
| **q.pop()** | Delete the first value of the queue. | O(1) |
| **q.front()** | Access the first element of the queue. | O(1) |
| **q.size()** | Returns the size of the queue. | O(1) |
| **q.empty()** | Return true/false if the queue is empty or not. | O(1) |
| **q.back()** | Access the last element of the queue. | O(1) |