



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) |