

Section 6: Queues

Queue

- ADT
- **FIFO** – First In, First Out

<https://docs.oracle.com/en/java/javase/11/docs/api/java.base/java/util/Queue.html>

Operations

- **add** (enqueue)
- **remove** (dequeue)
- **peek**

Array Blocking Queue

<https://docs.oracle.com/en/java/javase/11/docs/api/java.base/java/util/concurrent/ArrayBlockingQueue.html>

Concurrent Linked Queue

<https://docs.oracle.com/en/java/javase/11/docs/api/java.base/java/util/concurrent/ConcurrentLinkedQueue.html>

Deque

<https://docs.oracle.com/javase/10/docs/api/java/util/Deque.html>

Array Deque

<https://docs.oracle.com/en/java/javase/11/docs/api/java.base/java/util/ArrayDeque.html>