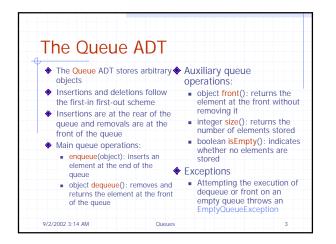
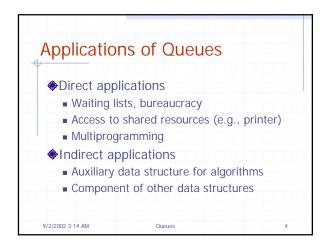
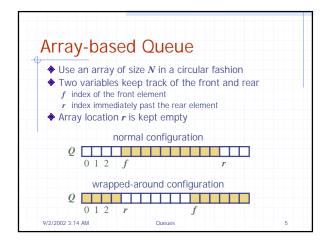
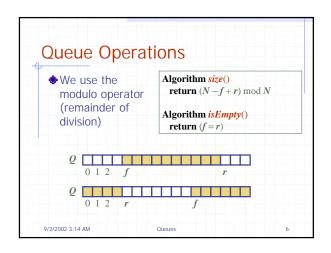


The Queue	e ADT (§2.1.2)
Implement	tation with a circular array
(§2.1.2)	
Growable a	array-based queue
Queue interior	erface in Java









 Operation enqueue throws an exception if the array is full 	Algorithm enqueue(o) if size() = N - 1 then throw FullQueueException
 This exception is implementation- dependent 	else $Q[r] \leftarrow o$ $r \leftarrow (r+1) \mod N$
Q 0 1 2 f	r
Q 0 1 2 r	f
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