

	<b>Main</b>	<b>Thread 1</b>	<b>Thread 2</b>
<b>Transition 0</b>	Initialises a Queue, initialises a byte array, initialises a Worker with the byte array as data and start its thread.		
<b>Transition 1</b>	Initialises another byte array and enters the Worker constructor.		
<b>Transition 2</b>	Exits the constructor and start the thread for Worker 2.		
<b>Transition 3</b>	Terminate the for loop.		
<b>Transition 4</b>		Tries to put its data in the queue.	
<b>Transition 5</b>		The data is put on the queue and the consumers are notified. Tries to remove the result array from the queue.	
<b>Transition 6</b>		The waitForData() function is called. Thread 1 is stuck waiting to be notified.	
<b>Transition 7</b>			Tries to put its data in the queue but is stuck waiting for enough space.