1. **Agenda**:
   1. What is a queue?
2. **Real-Life Example**:
   1. **Whatsapp**:
      1. When a person sends a message over whatsapp, first the message goes to whatspp center and a tick mark is displayed under the msg on your screen to indicate that msg is sent and later on when the receiver connects with internet, the message is delivered to the receiver and one more tick mark is displayed under the message on your screen to acknowledge that message has been delivered to the receiver and the acknowledgement is very important as it shows that message has reached to the receiver and it is not lost. Same we will be using.  
         We’re not going into whatsapp’s message technique, but it is using one kind of Message Broker.
      2. **Some Examples of Message Broker**:
         1. ActiveMQ.
         2. RabbitMQ.
3. Now let’s understand **queue with respect to ActiveMQ**.
   1. **Publisher**: Java App which is publishing message to the queue.
   2. **Consumer**: Java Apps consuming message from the queue.  
      **NOTE**: Only one consumer can consume a message.  
      So, this is **One-To-One Messaging**.
   3. When multiple consumers are connected to a queue, the queue follows **Round-Robin fashion** to pass the messages.  
      **For example**: At a time, there are three messages coming to the queue.  
      So queue will pass first msg to the consumer1, second message to consumer2 and 3rd message to **consumer3**.
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