Develop Message Queue Driver and Verify

A message queue is a **component of messaging middleware solutions that** enables independent applications and services to exchange information. Message queues store "messages"—packets of data that applications create for other applications to consume—in the order they are transmitted until the consuming application can process them. This enables messages to wait safely until the receiving application is ready, so if there is a problem with the network or receiving application, the messages in the message queue are not lost.

This model, known as asynchronous messaging, prevents data loss and enables systems to continue to function if processes or connections fail. This allows developers to keep processes and applications separate, keeping their communications self-contained and event-driven to make the architecture more reliable.

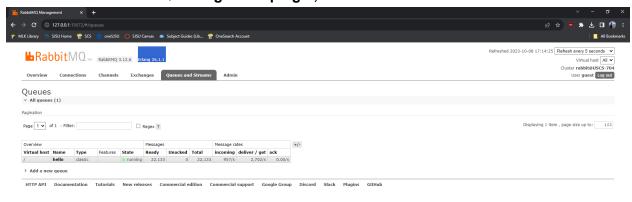
Please install RabbitMQ and run the Producer and Consumer applications 10000. And capture Message counts to make sure no message is lost.

Steps -

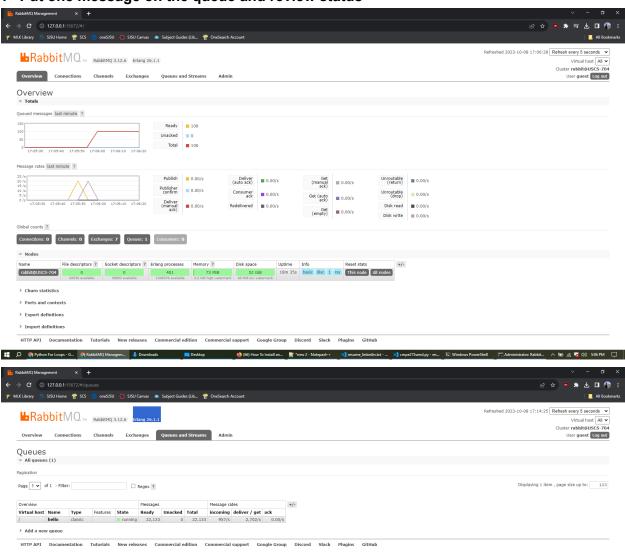
1> Install erlang

2> Install rebbitMQ

3> Enable the rabbit MQ management plugin, and access it on the localhost

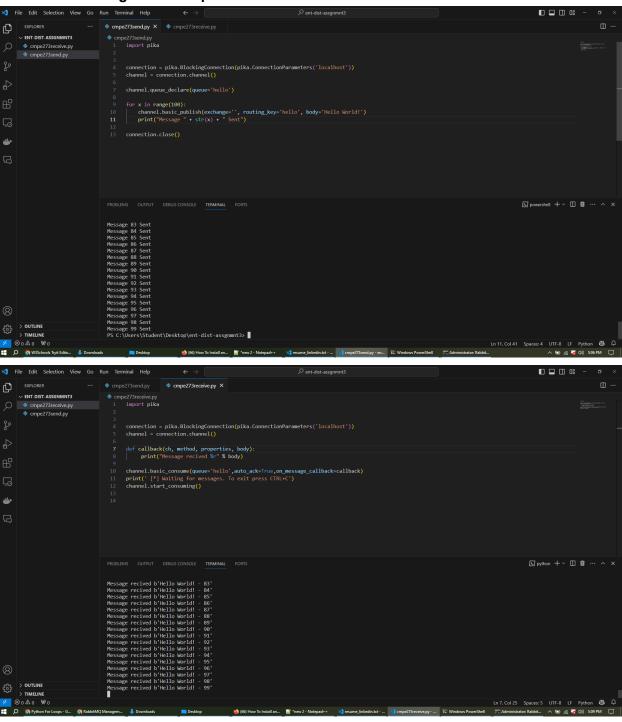


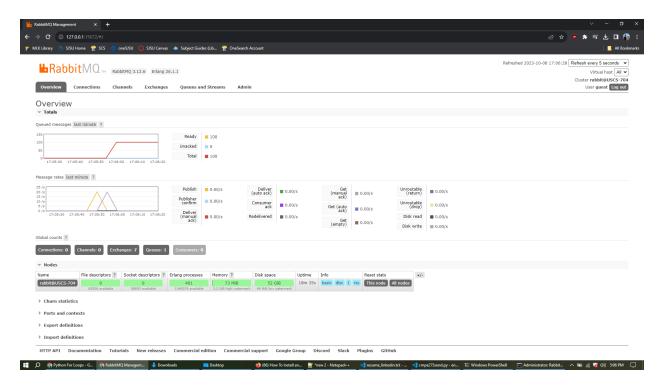
4> Put one message on the queue and review status





5> Put 100 messages on the queue and review the status





6> Put 10000 messages on the queue and review

