//Install Kafka in Ubuntu

wget https://archive.apache.org/dist/kafka/3.7.1/kafka\_2.13-3.7.1.tgz

//untar the Kafka archive, and cd to the kafka directory:

tar -xzf kafka\_2.13-3.7.1.tgz

cd kafka\_2.13-3.7.1

// Run the ls -al command to list the contents of the kafka directory:

// Run the following command to start ZooKeeper:

cd kafka\_2.13-3.7.1

bin/zookeeper-server-start.sh config/zookeeper.properties

// There will be a lot of , and ZooKeeper will be ready in a short time, typically around a second or two.

// Open another terminal session. Change the directory to the kafka directory, and start the Kafka broker:

cd kafka\_2.13-3.7.1

bin/kafka-server-start.sh config/server.properties

// Open another terminal session and run the kafka-topics command to create a Kafka topic named quickstart-events:

cd kafka\_2.13-3.7.1

bin/kafka-topics.sh --create --topic quickstart-events --bootstrap-server localhost:9092

//Start Producer

bin/kafka-console-producer.sh --broker-list localhost:9092 --topic quickstart-events

// wterry@LAPTOP-F85RETIP:~/ kafka\_2.13-3.7.1$ bin/kafka-console-producer.sh --broker-//list localhost:9092 --topic quickstart-events

// Open another terminal session and Start Consumer

cd kafka\_2.13-3.7.1

bin/kafka-console-consumer.sh --topic quickstart-events --from-beginning --bootstrap-server localhost:9092

// In the producer terminal, type a few messages, and watch as they appear in the consumer //terminal.

//Stop Kafka

1. Stop the consumer and producer clients with Ctrl+C
2. Stop the Kafka broker with Ctrl+C
3. Stop the ZooKeeper server with Ctrl+C
4. Run the following command to clean up:  
   rm -rf /tmp/kafka-logs /tmp/zookeeper