## Starting Server:

zookeeper-server-start.bat ..\..\config\zookeeper.properties

kafka-server-start.bat ..\..\config\server.properties

## Creation of topic and describing it:

kafka-topics.bat --create --bootstrap-server localhost:9092 --replication-factor 1 --partitions 1 --topic **gft-topic**

kafka-topics.bat --list --bootstrap-server localhost:9092

kafka-topics.bat --describe --bootstrap-server localhost:9092 --topic **gft-topic**

## Producer and Consumer:

* kafka-console-producer.bat --bootstrap-server localhost:9092 --topic **gft-topic**
* kafka-console-consumer.bat --bootstrap-server localhost:9092 --topic **gft-topic**

## Deletion of kafka topic:

* Add below properties to server.properties
  + - Delete.topic.enable = true
* kafka-topics.bat –delete --bootstrap-server localhost:9092 --topic **gft-topic**

## Creation Multiple Server(broker):

### Create below properties file from **server. properties:**

* + **server1.properties**
  + **server2.properties**
  + **server3.properties**

### Add below properties:

1. **broker.id=1**

**listeners=PLAINTEXT://localhost:9093**

**log.dirs=/tmp/kafka-logs1**

**zookeeper.connect=localhost:2181**

1. **broker.id=2**

**listeners=PLAINTEXT://localhost:9094**

**log.dirs=/tmp/kafka-logs2**

**zookeeper.connect=localhost:2181**

1. **broker.id=3**

**listeners=PLAINTEXT://localhost:9095**

**log.dirs=/tmp/kafka-logs3**

**zookeeper.connect=localhost:2181**

### Start all the 3 kafka servers and verify

Kafka-server-start.sh config/server.properties

Kafka-server-start.sh config/server1.properties

Kafka-server-start.sh config/server2.properties

Kafka-server-start.sh config/server3.properties

**Now try to create topic with replication factor as 3, It should be distributed to all the three brokers.**