**Check status**

1. > docker-compose up -d

2. > docker ps

3. > docker exec -it zookeeper /bin/zookeeper-shell localhost:2181

4. > ls /brokers/ids //To check running brokers in zookeeper

Exit by typing “Ctrl-C”

**Open a new terminal (CMD) to create a new topic & producer**

1. > docker exec -it kafka2 /bin/bash

2. > kafka-topics --bootstrap-server localhost:9092 --create

--topic randomTopic --partitions 2 —-replication-factor 3

3. > kafka-console-producer --bootstrap-server localhost:9092 --topic randomTopic

> Type somethings

**Open a new terminal (CMD)to create a consumer**

1. > docker exec -it kafka3 /bin/bash

2. > kafka-console-consumer --bootstrap-server localhost:9092

--topic randomTopic --from-beginning

3. Describe topic

> kafka-topics --bootstrap-server localhost:9092 --describe randomTopic

Topic: randomTopic Partition: 0 Leader: 1 Replicas: 1 Isr: 1

4. Create a new topic named “topic2” with --partitions 2 --replication-factor 3 and show its description.

> kafka-topics --bootstrap-server localhost:9092 --create --topic topic2 --partitions 2 --replication-factor 3

Created topic topic2.

> kafka-topics --bootstrap-server localhost:9092 --describe --topic topic2

Topic: topic2 TopicId: lMKimBGOTxK9YU4kNPyFgg PartitionCount: 2 ReplicationFactor: 3 Configs:

Topic: topic2 Partition: 0 Leader: 2 Replicas: 2,3,1 Isr: 2,3,1

Topic: topic2 Partition: 1 Leader: 3 Replicas: 3,1,2 Isr: 3,1,2

Question

What happens if one broker is shut down?