

Kafka

1. Command to start a zookeeper :

```
bin\windows\zookeeper-server-start.bat config\zookeeper.properties
```

2. Command to start kafka :

```
bin\windows\kafka-server-start.bat config\server.properties
```

3. Command to create a topic :-

```
bin\windows\kafka-topics.bat --create --topic user-topic --bootstrap-server localhost:9097
```

Here we have created a topic as user-topic.

4. Command to create a topic with replication and partitions :-

```
bin\windows\kafka-topics.bat --create --topic my-topic --bootstrap-server localhost:9092  
--replication-factor 1 --partitions 3
```

5. Command to see the all topics present in kafka :-

```
bin\windows\kafka-topics.bat --bootstrap-server localhost:9097 --list
```

6. Command to see the info of topics present in kafka :-

```
bin\windows\kafka-topics.bat --bootstrap-server localhost:9097 --describe --topic topic-1
```

7. Command to write in a topic as producer :-

```
bin\windows\kafka-console-producer.bat --broker-list localhost:9097 --topic topic-1
```

8. Command to read a message from a topic as consumer :-

```
bin\windows\kafka-console-consumer.bat --topic user-topic --from-beginning  
--bootstrap-server localhost:9097
```

9. CONFIGURATION FOR PRODUCER

```
spring.kafka.producer.bootstrap-servers=localhost:9097
```

```
spring.kafka.producer.key-serializer=org.apache.kafka.common.serialization.StringSerializer  
spring.kafka.producer.value-serializer=org.apache.kafka.common.serialization.StringSerializer
```

10. CONFIGURATION FOR CONSUMER

```
spring.kafka.consumer.bootstrap-servers=localhost:9097
```

```
spring.kafka.consumer.group-id=group-1
```

```
spring.kafka.consumer.auto-offset-reset=earliest
```

```
spring.kafka.consumer.key-deserializer=org.apache.kafka.common.serialization.StringDeserializer
```

```
spring.kafka.consumer.value-deserializer=org.apache.kafka.common.serialization.StringDeserializer
```