1) Add in (env variables)

path : C:\sw\kafka\_2.12-2.3.0\bin\windows

2)Run zookeeper

create folder data/zookeeper

change in zookeeper.properties:-dataDir=C:/sw/kafka\_2.12-2.3.0/data/zookeeper

C:\sw\kafka\_2.12-2.3.0>zookeeper-server-start.bat config\zookeeper.properties

3)Run kafka

add folder data/server

Server.properties

log.dirs=C:/sw/kafka\_2.12-2.3.0/data/kafka

C:\sw\kafka\_2.12-2.3.0>kafka-server-start.bat config\server.properties

4) create Topic:

C:\sw\kafka\_2.12-2.3.0>kafka-topics --zookeeper 127.0.0.1:2181 --topic first\_topic --create --partitions 3 --replication-factor 1

How u know kafka topic is created

C:\sw\kafka\_2.12-2.3.0>kafka-topics --zookeeper 127.0.0.1:2181 --list

first\_topic

command to know more about topic:

C:\sw\kafka\_2.12-2.3.0>kafka-topics --zookeeper 127.0.0.1:2181 --topic first\_topic --describe

Topic:first\_topic PartitionCount:3 ReplicationFactor:1 Configs:

Topic: first\_topic Partition: 0 Leader: 0 Replicas: 0 Isr: 0

Topic: first\_topic Partition: 1 Leader: 0 Replicas: 0 Isr: 0

Topic: first\_topic Partition: 2 Leader: 0 Replicas: 0 Isr: 0

4) kafka-console-producer command

C:\sw\kafka\_2.12-2.3.0>kafka-console-producer --broker-list 127.0.0.1:9092 --topic first\_topic

adding property:

C:\sw\kafka\_2.12-2.3.0>kafka-console-producer --broker-list 127.0.0.1:9092 --topic first\_topic --producer-property acks=all

>some message is acked

>just for fun learning

>Terminate batch job (Y/N)? y

5)Kafka Consumer command:

bootstrap server is kafka server only

kafka-console-consumer --bootstrap-server 127.0.0.1:9092 --topic first\_topic

NOTE: how to read all message at a time from consumer

C:\sw\kafka\_2.12-2.3.0>kafka-console-consumer --bootstrap-server 127.0.0.1:9092 --topic first\_topic --from-beginning

just for fun learning

hi

hello

new course

kafka-group:

C:\sw\kafka\_2.12-2.3.0>kafka-console-consumer --bootstrap-server 127.0.0.1:9092 --topic first\_topic --group my-first-application

blue

run one more time in other console

6) kafka-consumer-group

C:\sw\kafka\_2.12-2.3.0>kafka-consumer-groups --bootstrap-server localhost:9092 --list

my-first-application

C:\sw\kafka\_2.12-2.3.0>kafka-consumer-groups --bootstrap-server localhost:9092 --describe --group my-first-application

7) resetting offsets

C:\sw\kafka\_2.12-2.3.0>kafka-consumer-groups --bootstrap-server localhost:9092 --group my-second-application --reset-offsets --to-earliest --execute --topic second\_topic

GROUP TOPIC PARTITION NEW-OFFSET

my-second-application second\_topic 0 0

my-second-application second\_topic 2 0

my-second-application second\_topic 1 0

8) for UI kafka tool:-

<http://www.kafkatool.com/>