**Setup Kafka and test from command prompt**

* Download Kafka binary from [**https://kafka.apache.org/downloads**](https://kafka.apache.org/downloads)
* Copy and paste the downloaded zip folder into a desired folder, Extract the downloaded zip folder
* Go to config folder in extracted kafka folder, and open **zookeeper.properties** file, copy the kafka folder path against “dataDir” and  add /zookeeper-data to the path
  + Exe: dataDir=D:/learningWorkSpace/Kafka/kafka/zookeeper-data
* From the config folder, open **server.properties,** and scroll down to *log.dirs* and paste the path. To the path add */kafka-logs*
  + Exe: log.dirs=D:/learningWorkSpace/Kafka/kafka/kafka-logs
* Now open command prompt and change the directory to the kafka folder. First start zookeeper using the command given below command:
  + .\bin\windows\zookeeper-server-start.bat .\config\zookeeper.properties
* Now start the Kafka server with below command:
  + .\bin\windows\kafka-server-start.bat .\config\server.properties

If any issues like wmac not found, resolve by edit Path in env variables by : **C:\Windows\System32\wbem;%PATH%;**

Now time to create Kafka topics and test weather your kafka server is working or not

* To create Kafka topic, navigate to kafka/bin/windows and open command prompt. Then type below command
  + kafka-topics.bat --create --bootstrap-server localhost:9092 --replication-factor 1 --partitions 1 --topic test
* Now create a producer and consumer to test created topics.
  + Open command prompt from folder kafka/bin/windows and type below command to create prducer
    - kafka-console-producer.bat --broker-list localhost:9092 --topic test
* Open another command prompt from the same folder and type below
* kafka-console-consumer.bat --bootstrap-server localhost:9092 --topic test

Type some test message in producer cmd prompt . and the same should reflect in consumer cmd prompt