Assignment Day 23

Task 1:

Create a java program MyKafkaProducer.java that takes a file name and delimiter as input arguments.

It should read the content of file line by line.

Fields in the file are in following order

- 1. Kafka Topic Name
- 2. Key
- 3. value

For every line, insert the key and value to the respective Kafka broker in a fire and forget mode.

After record is sent, it should print appropriate message on screen.

Pass dataset_producer.txt as the input file and -as delimiter.

LINK:

https://drive.google.com/file/d/oB_Qjau8wv1KoSnR5eHpKOF9rTFU/view?usp=sh aring

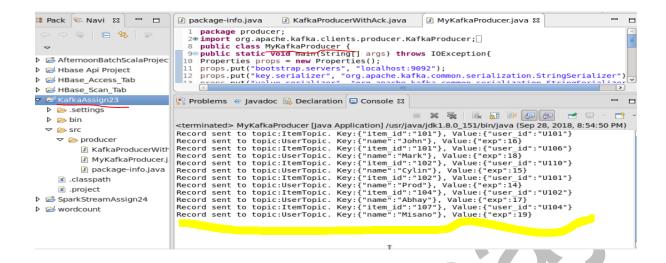
Note: Associated text file is properly documented & submitted along with this file. Kindly refer the text file for a detailed description of each instruction used within the complete process.

Ans:

```
##Zookeeper Start Command
$KAFKA_HOME/bin/zookeeper-server-start.sh \
$KAFKA_HOME/config/zookeeper.properties

## Starting broker
$KAFKA_HOME/bin/kafka-server-start.sh \
$KAFKA_HOME/config/server.properties
```

ScreenShot:



Task 2:

Modify the previous program MyKafkaProducer.java and create a new Java program KafkaProducerWithAck.java

This should perform the same task as of KafkaProducer.java with some modification.

When passing any data to a topic, it should wait for acknowledgement.

After acknowledgement is received from the broker, it should print the key and value which has been written to a specified topic.

The application should attempt for 3 retries before giving any exception.

Pass dataset producer.txt as the input file and -as delimiter.

Ans:

Note: Associated text file is properly documented & submitted along with this file. Kindly refer the text file for a detailed description of each instruction used within the complete process.

ScreenShot:

