Kafka Assignment:

Task 1:

Create a kafka topic named KeyLessTopic.

Inside KeyLessTopic insert following data:

{"name":"John", "exp":16}

{"name":"Finn", "exp":20}

{"name":"Cylin", "exp":18}

{"name":"Mark", "exp":2}

{"name":"Akshay", "exp":14}

Task 2:

Create a console consumer that reads KeyLessTopic from beginning

Task 3:

Create a kafka topic named KeyedTopic. Inside KeyedTopic insert following data:

The part before comma(,) should be treated as key and after comma(,) should be treated as value

{"name":"John"}{"exp":16}

{"name":"Finn"},{"exp":20}

{"name":"Cylin"},{"exp":18}

{"name":"Mark"},{"exp":2}

{"name":"Akshay"},{"exp":14}

Task 4:

Create a console consumer that reads KeyedTopic from beginning

The key and value should be separated by '-'

Task 1:

Create Topic KeyLessTopic

```
[acadgild@localhost kafka_2.12-0.10.1.1]$ bin/kafka-topics.sh --create --zookeeper localhost:2181 --replication-factor 1 --partitions 1 --topic KeyLessTopic
Created topic "KeyLessTopic".
[acadgild@localhost kafka_2.12-0.10.1.1]$
```

Insert Values Producer:

```
[acadgild@localhost kafka_2.12-0.10.1.1]$ bin/kafka-console-producer.sh --broker-list localhost:9092 --topic KeyLessTopic
message
{"name":"John", "exp":16}
{"name":"Finn", "exp":20}
{"name":"Cylin", "exp":18}
{"name":"Mark", "exp":2}
{"name":"Akshay", "exp":14}
```

Task2:

Consumer:

```
[acadgild@localhost kafka_2.12-0.10.1.1]$ bin/kafka-console-consumer.sh --bootstrap-server localhost:9092 --topic KeyLessTopic --from-beginning
message
{"name":"John", "exp":16}
{"name":"Finn", "exp":20}
{"name":"Cylin", "exp":18}
{"name":"Mark", "exp":2}
{"name":"Akshay", "exp":14}
```

Task 3:

Create topic:

```
[acadgild@localhost kafka_2.12-0.10.1.1]$ bin/kafka-topics.sh --create --zookeeper localhost:2181 --replication-factor 3 --partitions 1 --topic KeyedTopic
```

```
Created topic "KeyedTopic".
```

Producer:

```
[acadgild@localhost kafka_2.12-0.10.1.1]$ bin/kafka-console-producer.sh --broker-list localhost:9092 --topic KeyedTopic

{"name":"John"},{"exp":16}
{"name":"Finn"},{"exp":20}
{"name":"Cylin"},{"exp":18}
{"name":"Mark"},{"exp":2}
{"name":"Akshay"},{"exp":14}
```

Task 4:

Consumer:

```
[acadgild@localhost ~]$ cd install/kafka/kafka_2.12-0.10.1.1
[acadgild@localhost kafka_2.12-0.10.1.1]$ bin/kafka-console-consumer.sh --bootstrap-server localhost:9092 --topic KeyedTopic --from-beginning
```

```
{"name":"John"}-{"exp":16}
{"name":"Finn"}-{"exp":20}
{"name":"Cylin"}-{"exp":18}
{"name":"Mark"}-{"exp":2}
{"name":"Akshay"}-{"exp":14}
```