Checking the list of topics:

Run the Zookeeper and kafka server.

[https://kafka.apache.org/documentation/#quickstart](https://kafka.apache.org/documentation/" \l "quickstart)

D:\Pearson\Software\kafka\_2.11-2.3.0\bin\windows>kafka-topics --zookeeper localhost:2181 –list

Create Topic:

kafka-topics.sh --create --bootstrap-server localhost:9092 --replication-factor 1 --partitions 1 --topic test

kafka-topics.bat --create --zookeeper localhost:2181 --replication-factor 1 --partitions 1 -topic topicname

Send some message:

kafka-console-producer --broker-list localhost:9092 --topic test

bin/kafka-console-producer --broker-list localhost:9092 --topic test --property "parse.key=true" --property "key.separator=:"  
  
bin/kafka-console-consumer --bootstrap-server localhost:9092 --topic test --property print.key=true --from-beginning

{"SAM":{"organization":{"sourceDiary":{"sourcedId":"101054","source":"Pearson Places 1.0"},"orgName":"Beacon Primary School","orgType":"Primary","createdBy":"migration","createdOn":"","updatedBy":"migration","updatedOn":"","deActivationTimestamp":"","organizationAssociation":{"orgAssociationList":{"productList":[""]}},"activationTimestamp":""}},"PP2.0":{"school":{"schoolStatus":"Active","location":{"suburb":"Beacon","postcode":"6472","state":"WA"},"organisation":[""],"teacherCode":"ST58NP","studentCode":"SS905N"}}}

Describe about topic:

Topic Name: test-topic-product

D:\Pearson\Software\kafka\_2.11-2.3.0\bin\windows>kafka-topics --zookeeper localhost:2181 --topic zzzztest-topic-product –describe

kafka-topics --zookeeper localhost:2181 -- pp2\_sam\_product\_topic –describe

Kafka Consumer:

D:\Pearson\Software\kafka\_2.11-2.3.0\bin\windows>kafka-console-consumer --bootstrap-server localhost:9092 --topic test-topic-product

Note: It will display only when topic data pushed.

Read data from beginning:

D:\Pearson\Software\kafka\_2.11-2.3.0\bin\windows>kafka-console-consumer --bootstrap-server localhost:9092 --topic test-topic-product --from-beginning

kafka-console-consumer --bootstrap-server localhost:9092 -- pp2\_sam\_product\_topic --from-beginning

Swagger is API documentation library, Spring fox has created, you can use any java application using web. It shows the how your rest end points has created.

Run the Application and go through Swaager-Ui : <http://localhost:8088/swagger-ui.html>

Kafka Connect:

Kafka Connect is a tool included with Kafka that imports and exports data to Kafka. It is an extensible tool that runs connectors, which implement the custom logic for interacting with an external system.

Its connector to helpful for connecting different source like sink, mongodb

