STEPS TO RUN

STEP 1

Start the zookeeper server

STEP 2

Start the Kafka server

STEP 3

START THE MAIN MICROSERVICE → MainControlService

Port → 8083

STEP 4

START THE SERVICE 1 → kafka-producer [ignore filename, it is a micro service]

This is both a consumer and producer so it is service 1

Port → 8081

STEP 5

START THE SERVICE 2 → kafka-consumer [ignore filename, it is a micro service]

This is both a consumer and producer so it is service 2

Port → 8082

STEP 6

To publish a message from service 1

http://localhost:8083/start/publish1/{msg}

Eg

http://localhost:8083/start/publish1/hello

Hello → message

Service1 uses topic1 to send messages

And listens to topic2

From service 2 as a consumer in console

```
Connected to the database!
in store data method 2:hello
Done
consumed:hello
```

To publish a message from service 2

http://localhost:8083/start/publish2/{msg}

Eg

http://localhost:8083/start/publish2/hi

Hi → message

Service2 uses topic2 to send messages

And listens to topic1

From Service 1 as a consumer

```
Connected to the database!
in store data method 1:hi
Done
consumed2:hi
```


DB used PostgreSQL

One table for each service

Table 1

Table name: Service1, column name: data

Table 2

Table name: Service2, column name: data