Group Member's Name:-

Muhammad Arsalan (2303.KHI.DEG.025)
Abdul Rehman (2303.KHI.DEG.035)
Arshad Shiwani (2303.KHI.DEG.026)

➢ Create a multiple topic which name is Events and then show them on a list.

```bash
$ create_kafka_topic.sh ×
playing_with_kafka > $ create_kafka_topic.sh
 1  #!/bin/bash
 2
 3  docker-compose exec broker kafka-topics --create --topic events --bootstrap-server broker:9092
 4
 5  docker-compose exec broker kafka-topics --create --topic events1 --bootstrap-server broker:9092
 6  docker-compose exec broker kafka-topics --create --topic events2 --bootstrap-server broker:9092
 7  docker-compose exec broker kafka-topics --create --topic events3 --bootstrap-server broker:9092
 8  docker-compose exec broker kafka-topics --create --topic events4 --bootstrap-server broker:9092 --partitions 4
 9
10
11
12  docker-compose exec kafka kafka-topics --list --bootstrap-server bootstrap-server:9092
13  |
14
15
```

➢ Then we compose up and then run a file and then get a Inspect of a topics.

```
(base) muhammadarsalan@all-MS-7D35:~/Desktop/Class_repo/data_engineering_bootcamp_2303/tasks/4_microservices_development/day_2_kafka/playing_with_kafka$ docker-compose up -d
Creating network "playing_with_kafka_default" with the default driver
Creating zookeeper ... done
Creating broker    ... done
(base) muhammadarsalan@all-MS-7D35:~/Desktop/Class_repo/data_engineering_bootcamp_2303/tasks/4_microservices_development/day_2_kafka/playing_with_kafka$ ./create_kafka_topic.sh events
Created topic events.
Created topic events1.
Created topic events2.
Created topic events3.
Created topic events4.
(base) muhammadarsalan@all-MS-7D35:~/Desktop/Class_repo/data_engineering_bootcamp_2303/tasks/4_microservices_development/day_2_kafka/playing_with_kafka$ docker-compose exec broker kafka-topics --bootstra
p-server localhost:9092 --topic events4 --describe
Topic: events4  TopicId: 79Uk1Ie_STWZJ7uJL269Gg PartitionCount: 4       ReplicationFactor: 1    Configs:
        Topic: events4  Partition: 0    Leader: 1       Replicas: 1     Isr: 1
        Topic: events4  Partition: 1    Leader: 1       Replicas: 1     Isr: 1
        Topic: events4  Partition: 2    Leader: 1       Replicas: 1     Isr: 1
        Topic: events4  Partition: 3    Leader: 1       Replicas: 1     Isr: 1
```