Kafka Integration with C#:

Outline:

- Introduction to Kafka
- Kafka Architecture
- Topics
- Partitions
- Brokers
- Kafka plug in .NET
- Installation of Kafka
- Basics of Zookeeper
- Demo

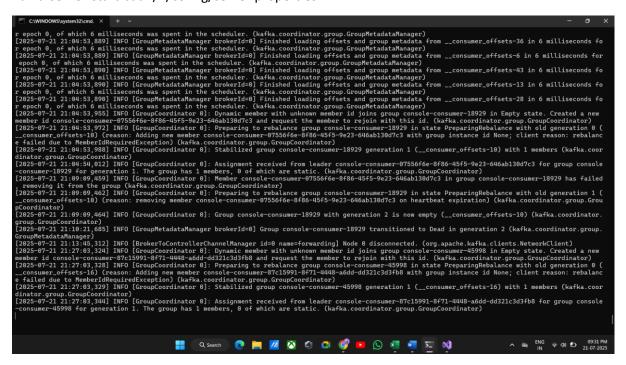
Hands On:

- 1. Create a Chat Application which uses Kafka as a streaming platform and consume the chat messages in the command prompt.
- 2. Create a Chat Application using C# Windows Application using Kafka and consume the message in different client applications.

output:

Kafka Server Running:

Kafka-server-start.bat ../../config/server.properties



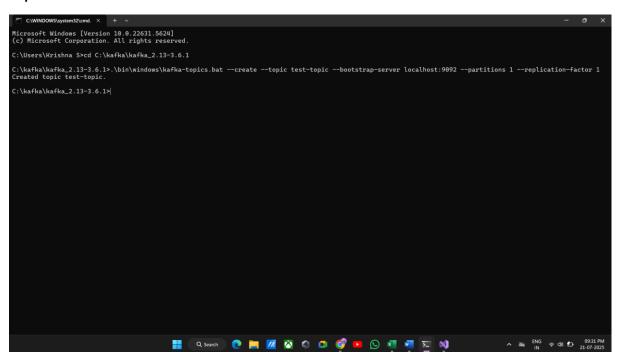
Zookeeper Running:

Zookeeper-server-start.bat ../../config/zookeeper.properties

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| 2025-97-21 20:58:22,8781 INFO maxSessionTimeout set to 6800 ms (org.apache.zookeeper.server.Zookeeper.server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Server.Pookeeper.Server.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.Server.Pookeeper.S
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Topic Created:



Creating Publisher in Command Prompt:

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Uniform Extraorport (Northing). Lifetiale [18]

Info: Microsoft (Northing). Lifetiale [18]

Now Listening on: https://localhost:7308

Info: Microsoft.Northing.Lifetiale [18]

Application started. Press Ctrl (t to shut down.

Info: Microsoft.Northing.Lifetiale [18]

Info: Microsoft.
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Client Application:

