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| **Topic** | Apache Kafka |
| **Document Name** | KAFKA-EX-03 |
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| **Document Difficulty Level** | | | |
| **Beginner** | **Junior** | **Senior** | **Expert** |
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# Document History

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| Date | Author | Ver | Comments |
| 05.03.2025 | Mennan Tekbir | 1.0 | Initial Draft |
| 05.03.2025 | Mehmet Erdem Önal | 1.1 | Revisions |

# Apache Kafka

## Exercise KAFKA-EX-03:

**Definiton:** Create 2 sample java programs; one for Producer one for Consumer. Publish java objects ( you can use following class ) from Producer app. Read those objects from Consumer app and print them to the console.

**Java Classes & Objects:** <https://www.geeksforgeeks.org/classes-objects-java>

**Java Program For Class Example:**

class Student {

  // data member (also instance variable)

  int id;

  // data member (also instance variable)

  String name;

  public static void main(String args[])

  {

    // creating an object of

    // Student

    Student s1 = new Student();

    System.out.println(s1.id);

    System.out.println(s1.name);

 }

}

**Sample Kafka Producer code:** <https://github.com/chrissearle/kafka-java-to-scala/blob/master/java-starter/producer/src/main/java/net/chrissearle/kafka/BasicProducer.java>

**Sample Kafka Consumer code:** <https://github.com/chrissearle/kafka-java-to-scala/blob/master/java-starter/consumer/src/main/java/net/chrissearle/kafka/BasicConsumer.java>

Please provide screenshots to show your work.

## KAFKA-EX-03 Solution:

**Your Answer:**

I couldn't run Kafka with Zookeeper, according to the code I wrote I had to run it in Kraft mode, so I had to do an incomplete installation because I didn't have enough time.

metin, ekran görüntüsü, yazılım, multimedya yazılımı içeren bir resim

Yapay zeka tarafından oluşturulmuş içerik yanlış olabilir.metin, ekran görüntüsü, yazılım, multimedya yazılımı içeren bir resim

Yapay zeka tarafından oluşturulmuş içerik yanlış olabilir.