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| **Document Name** | KAFKA\_EX\_01 |
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| **Document Difficulty Level** | | | |
| **Beginner** | **Junior** | **Senior** | **Expert** |
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# Document History

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# APACHE KAFKA

## Definition

In this exercise you will be working with Kafka. You can use Kafka in Docker.

* Create one publisher and one consumer.
* Publisher will send a class that contains two variables: operand and operation.
* Consumer will have functiions to check if given operand is fibonacci or prime or fibonacci and prime according to operation value. If operation value is null or wrong you will send an error.
* Let’s say operand is 13 and operation is fibPrime.
* So your consumer will check if 13 is both fibonacci and prime.
* Also you will install Kafdrop on Docker and you will see the Kafka information there. Take a screenshot of it, too.

**Objectives** :

* To learn how to use Kafka.
* To see advantages and disadvantages of Kafka.
* To think about use cases of Kafka.

**Exercise Keywords:** publish, consume, message, cluster, broker, topic.

## Solution of KAFKA-EX-01:

For solution of example, please send your answer to your supervisor.