# Apache Kafka - Consumer Group Example

```
import java.util.Properties;
import java.util.Arrays;
import org.apache.kafka.clients.consumer.KafkaConsumer;
import org.apache.kafka.clients.consumer.ConsumerRecords;
import org.apache.kafka.clients.consumer.ConsumerRecord;
public class ConsumerGroup {
   public static void main(String[] args) throws Exception {
      if(args.length < 2){</pre>
         System.out.println("Usage: consumer <topic> <groupname>");
         return;
      }
      String topic = args[0].toString();
      String group = args[1].toString();
      Properties props = new Properties();
      props.put("bootstrap.servers", "localhost:9092");
      props.put("group.id", group);
      props.put("enable.auto.commit", "true");
      props.put("auto.commit.interval.ms", "1000");
      props.put("session.timeout.ms", "30000");
      props.put("key.deserializer",
         "org.apache.kafka.common.serialization.StringDeserializer");
      props.put("value.deserializer",
         "org.apache.kafka.common.serialization.StringDeserializer");
      KafkaConsumer<String, String> consumer = new KafkaConsumer<String,</pre>
String>(props);
```

### **Compilation**

```
javac -cp "/path/to/kafka/kafka_2.11-0.9.0.0/libs/*" ConsumerGroup.java
```

#### **Execution**

```
>>java -cp "/path/to/kafka/kafka_2.11-0.9.0.0/libs/*":.
ConsumerGroup <topic-name> my-group
>>java -cp "/home/bala/Workspace/kafka/kafka_2.11-0.9.0.0/libs/*":.
ConsumerGroup <topic-name> my-group
```

Here we have created a sample group name as my-group with two consumers. Similarly, you can create your group and number of consumers in the group.

### Input

Open producer CLI and send some messages like –

```
Test consumer group 01
Test consumer group 02
```

#### **Output of the First Process**

```
Subscribed to topic Hello-kafka

offset = 3, key = null, value = Test consumer group 01
```

## **Output of the Second Process**

Subscribed to topic Hello-kafka offset = 3, key = null, value = Test consumer group 02