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package com.acadgild.assignment24;

import org.apache.kafka.clients.producer.KafkaProducer;
import org.apache.kafka.clients.producer.ProducerRecord;

import java.io.BufferedReader;
import java.io.FileReader;
import java.io.IOException;
import java.util.Properties;
import java.util.concurrent.ExecutionException;

public class KafkaProducerWithAck{
    public static void main(String[] args) throws IOException,
        InterruptedException, ExecutionException{
        if (args.length != 2){
            System.out.println("Please provide appropriate command line
arguments");
            System.exit(-1);
        }
        Properties props = new Properties();
        props.put("bootstrap.servers", "localhost:9092");
        props.put("acks", "all");
        props.put("retries", 3);
        props.put("key.serializer",
"org.apache.kafka.common.serialization.StringSerializer");
        props.put("value.serializer",
"org.apache.kafka.common.serialization.StringSerializer");

        KafkaProducer<String, String> producer = new KafkaProducer<>(props);
        ProducerRecord<String, String> producerRecord = null;

        String fileName = args[0];
        String delimiter = args[1];
        try(BufferedReader br = new BufferedReader(new
FileReader(fileName))){
            for(String line; (line = br.readLine()) != null; ){
                String[] tempArray = line.split(delimiter);
                String topic = tempArray[0];
                String key = tempArray[1];
                String value = tempArray[2];

                producerRecord = new ProducerRecord<String, String>(topic,
key, value);
                producer.send(producerRecord).get();
                System.out.printf("Record sent to topic:%s and acknowledged
as well. Key:%s, Value:%s\n", topic, key, value);
            }
        }
        producer.close();
    }
}

```