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package sparkAssignmentRDD2;

import java.util.List;

import java.util.Arrays;

import org.apache.spark.SparkConf;

import org.apache.spark.api.java.JavaPairRDD;

import org.apache.spark.api.java.JavaRDD;

import org.apache.spark.api.java.JavaSparkContext;

import org.apache.spark.api.java.function.Function;

import scala.Tuple2;

public class saprkRDD2 {

    public static void main (String args[])

    {

        //SparkConf conf = new SparkConf().setAppName("Spark1").setMaster("local[*]");

        SparkConf conf = new SparkConf().setAppName("Spark1");

        JavaSparkContext sc = new JavaSparkContext(conf);

        //JavaRDD<String> dataset = sc.textFile("data/yellow_tripdata_2017-12.csv");

        //args[0] take the input file

        JavaRDD<String> dataset = sc.textFile(args[0]);

        JavaRDD<String> records= dataset.filter(

            line -> {

                String[] values = line.trim().split(",");

                //to check if there are any blank lines or not

                int size = values.length;

                if(size == 17)

                    if (values[5].contentEquals("4"))
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        {
            return true;
        }
        return false;
    });

    System.out.println(records);
    records.forEach(x->System.out.println(x));
    //args[1] stores the output in the location which the user will define
    records.saveAsTextFile(args[1]);
}
}
```