Lab IV: MapReduce Hands-on Exercises

1. Environment

OS:Win10-64bit

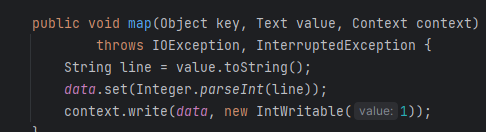
JDK:1.8.0\_371

Hadoop version:3.1.3

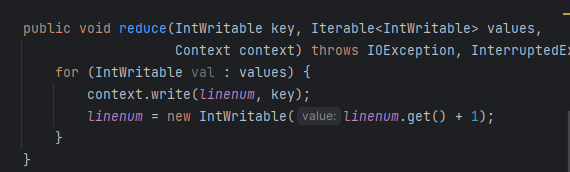
2. Details of the two tasks

Task 1:

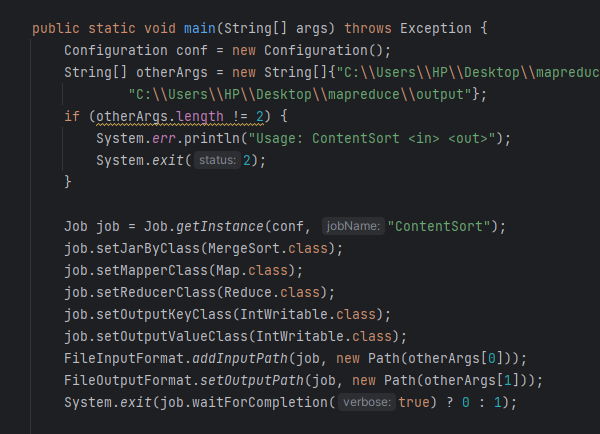
1).map:



2). reduce:

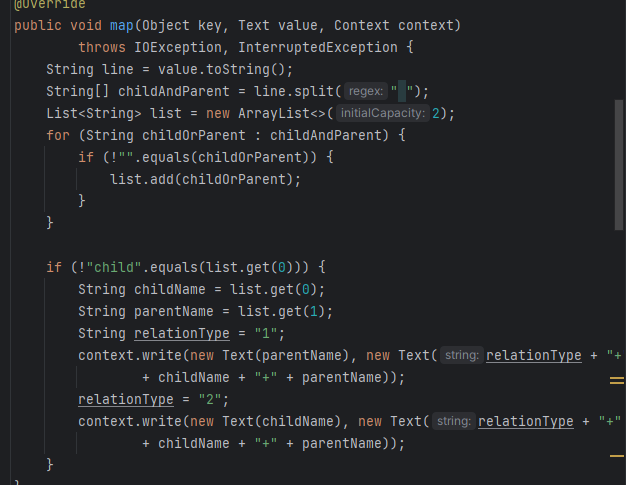


3). main

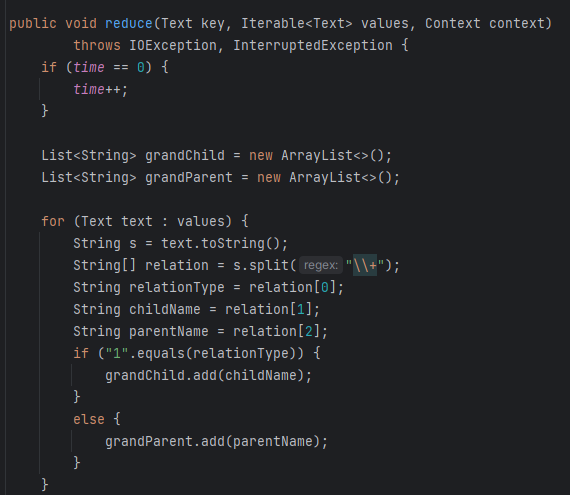


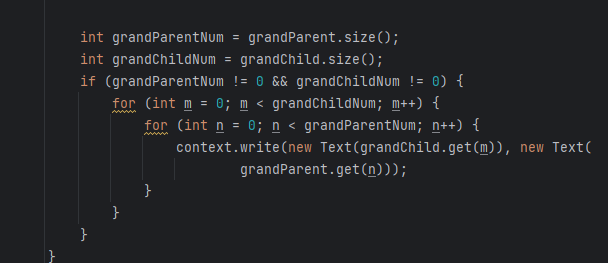
Task 2

1). map:



2). reduce





3). main



3. Problems

The first time I run the program is on the cluster, but even the code is right, Job failed with state FAILED due to: NA. And I didn’t know why. Then I run the program locally, and mapreduce process successfully run.