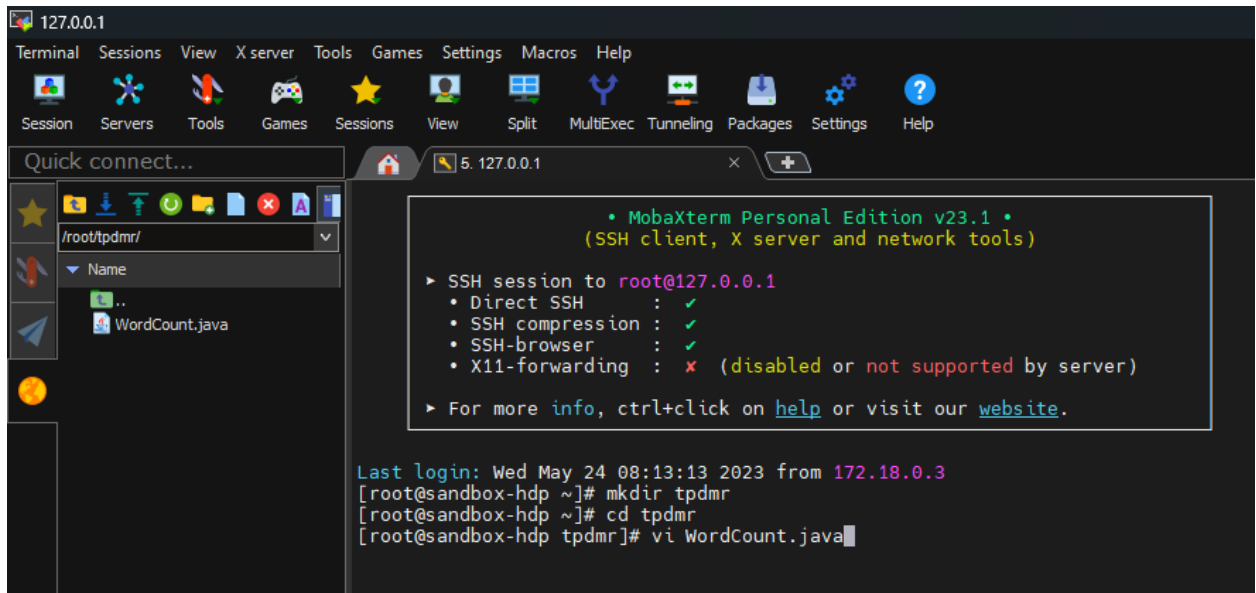


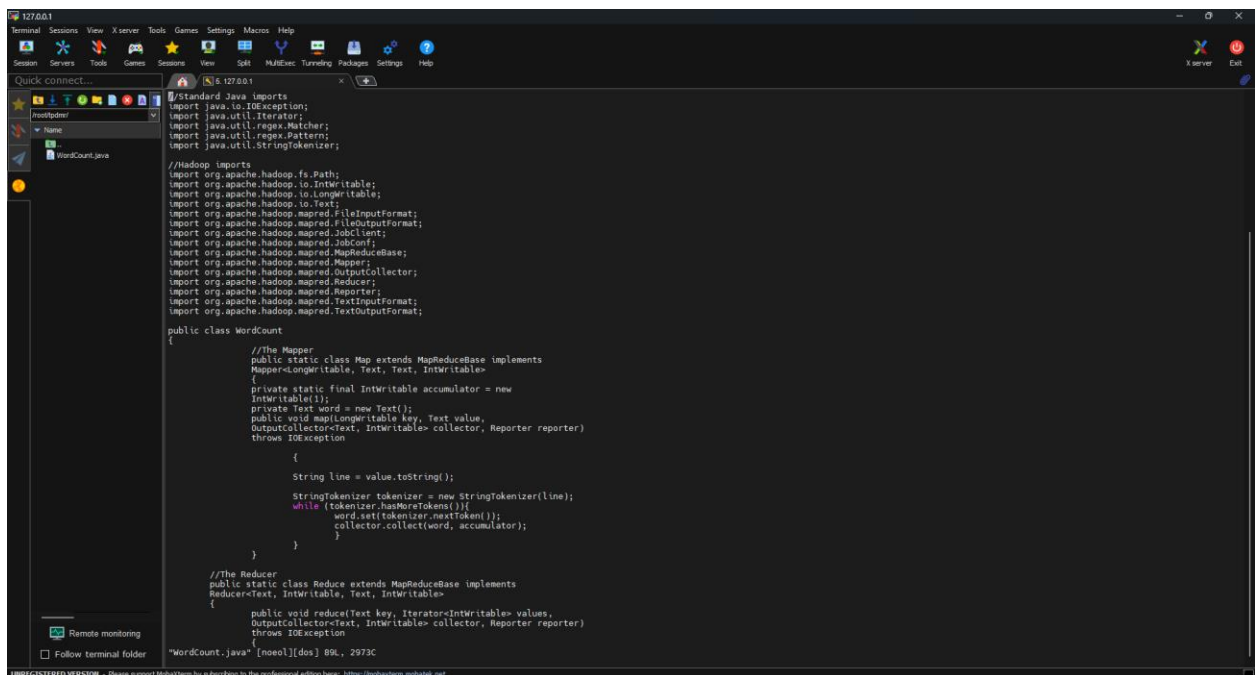
Nama : Komang Niko Romano Prodi
NIM : 222011356
Kelas : 3SD1
No Absen : 06

Praktikum 4 Teknologi Big Data – Distributed Processing

1. Persiapan (membuat folder tpdmr beserta mengupload file)



2. View File



3. Compile Java File

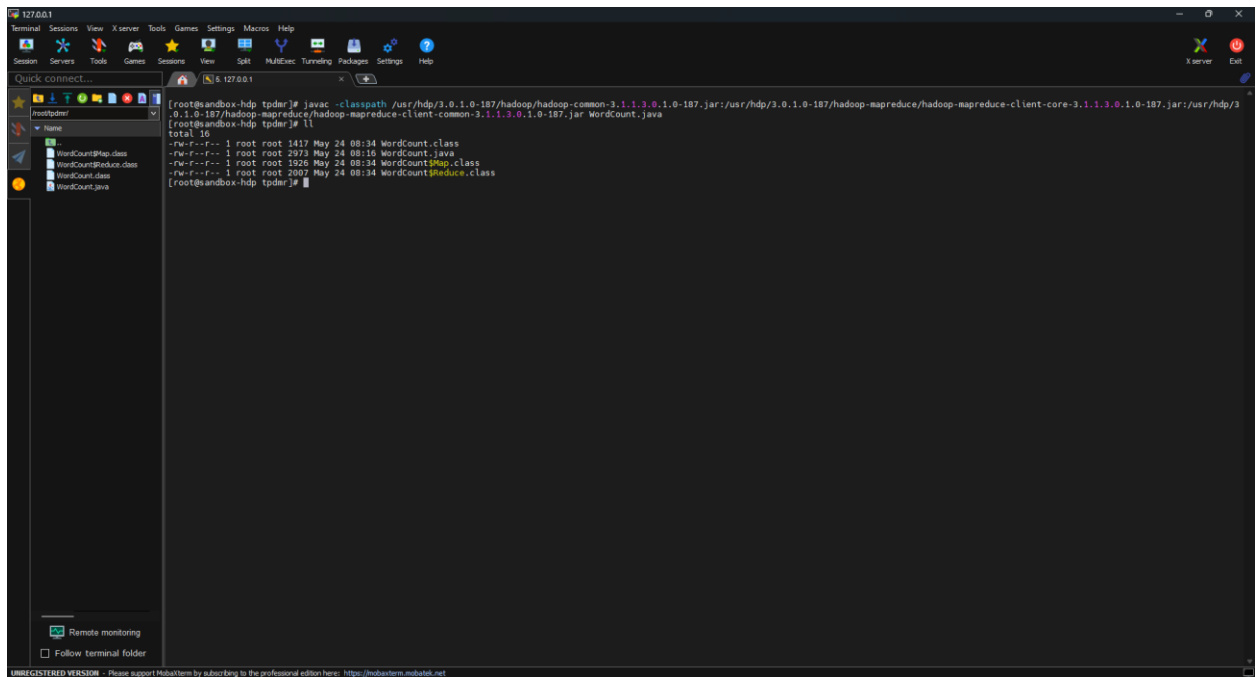


A screenshot of a terminal window titled "127.0.0.1". The terminal shows the following commands and output:

```
[root@andbox-hdp tpder]# javac -classpath /usr/hdp/3.0.1.0-187/hadoop/hadoop-common-3.1.1.3.0.1.0-187.jar:/usr/hdp/3.0.1.0-187/hadoop-mapreduce/hadoop-mapreduce-client-core-3.1.1.3.0.1.0-187.jar:/usr/hdp/3.0.1.0-187/hadoop-mapreduce/hadoop-mapreduce-client-common-3.1.1.3.0.1.0-187.jar WordCount.java
[root@andbox-hdp tpder]#
```

The left sidebar shows a file explorer with the following files:

- WordCountMap.class
- WordCountReduce.class
- WordCount.class
- WordCount.java



A screenshot of a terminal window titled "127.0.0.1". The terminal shows the following commands and output:

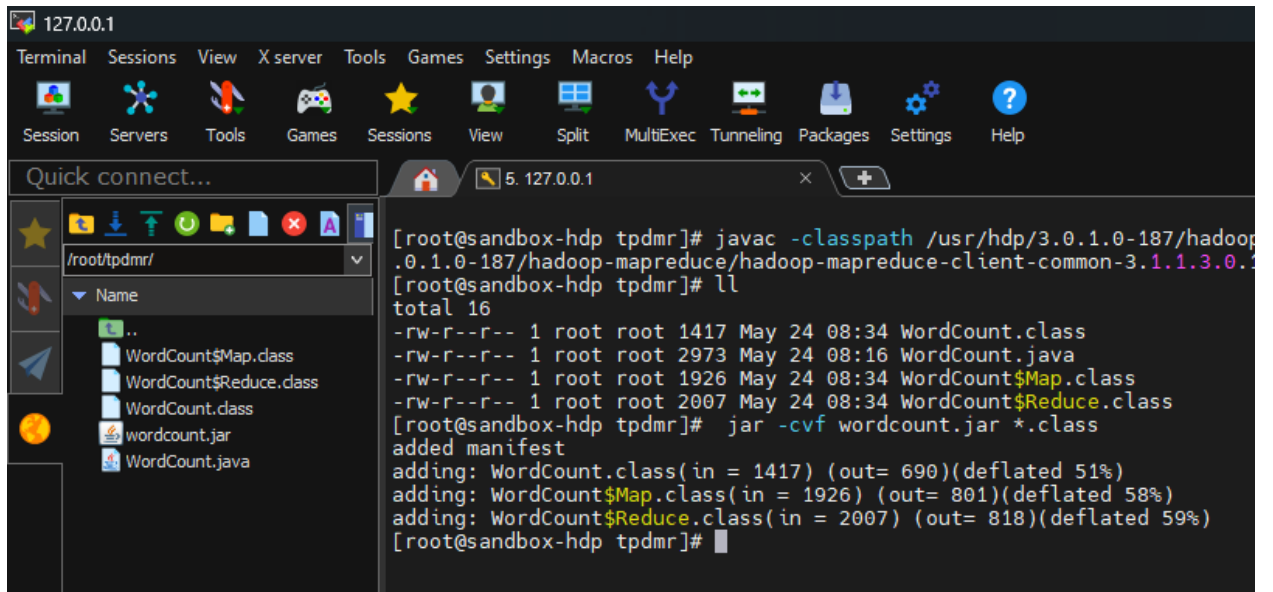
```
[root@andbox-hdp tpder]# java -classpath /usr/hdp/3.0.1.0-187/hadoop/hadoop-common-3.1.1.3.0.1.0-187.jar:/usr/hdp/3.0.1.0-187/hadoop-mapreduce/hadoop-mapreduce-client-core-3.1.1.3.0.1.0-187.jar:/usr/hdp/3.0.1.0-187/hadoop-mapreduce/hadoop-mapreduce-client-common-3.1.1.3.0.1.0-187.jar WordCount.java
[root@andbox-hdp tpder]# ll
total 16
-rw-r--r-- 1 root root 1417 May 24 08:34 WordCount.class
-rw-r--r-- 1 root root 2073 May 24 08:10 WordCount.java
-rw-r--r-- 1 root root 1926 May 24 08:34 WordCountMap.class
-rw-r--r-- 1 root root 2007 May 24 08:34 WordCountReduce.class
[root@andbox-hdp tpder]#
```

The left sidebar shows a file explorer with the following files:

- WordCountMap.class
- WordCountReduce.class
- WordCount.class
- WordCount.java

At the bottom of the terminal window, there is a message: "UNREGISTERED VERSION - Please support MobaxTerm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>"

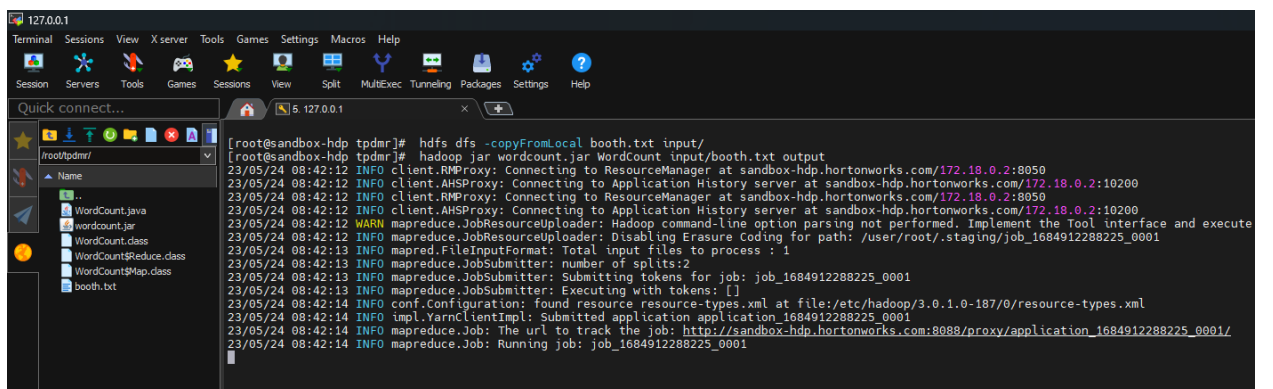
4. Lihat file di dalam folder, kemudian buat jar file



The screenshot shows a terminal window with a file explorer on the left. The file explorer displays the contents of the `/root/tpdmr/` directory, which includes `WordCount$Map.class`, `WordCount$Reduce.class`, `WordCount.class`, `wordcount.jar`, and `WordCount.java`. The terminal window shows the following commands and output:

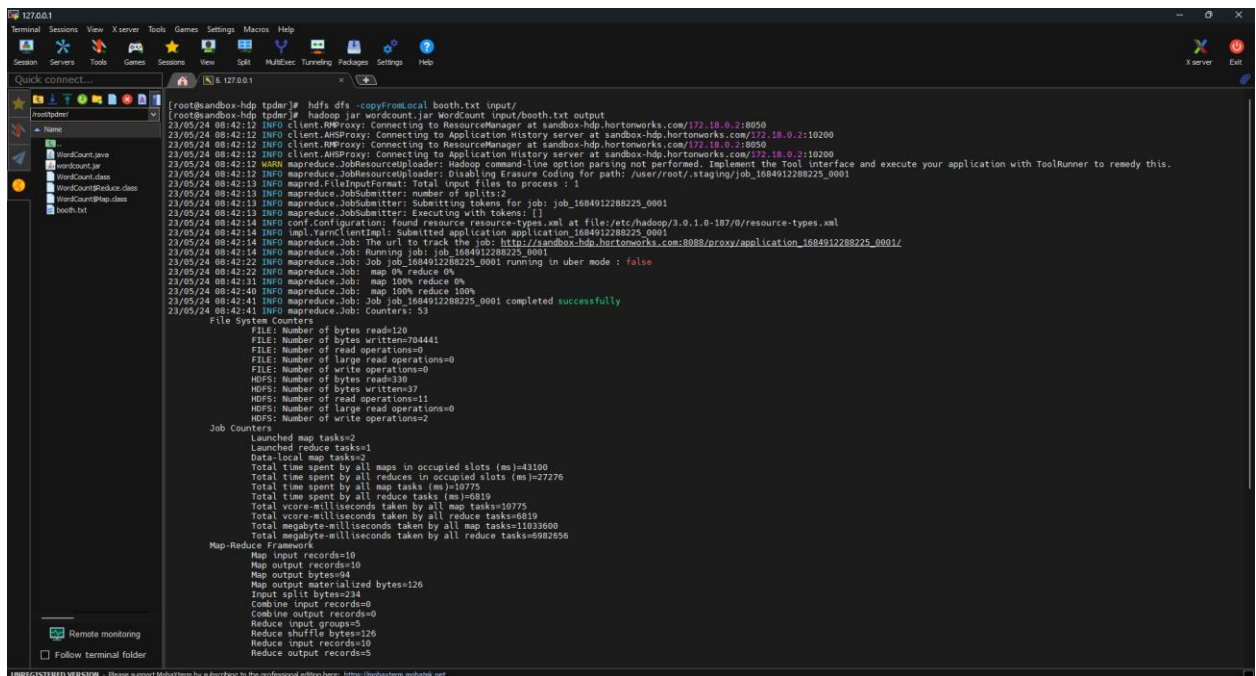
```
[root@sandbox-hdp tpdmr]# javac -classpath /usr/hdp/3.0.1.0-187/hadoop-0.1.0-187/hadoop-mapreduce/hadoop-mapreduce-client-common-3.1.1.3.0-187.jar WordCount.java
[root@sandbox-hdp tpdmr]# ll
total 16
-rw-r--r-- 1 root root 1417 May 24 08:34 WordCount.class
-rw-r--r-- 1 root root 2973 May 24 08:16 WordCount.java
-rw-r--r-- 1 root root 1926 May 24 08:34 WordCount$Map.class
-rw-r--r-- 1 root root 2007 May 24 08:34 WordCount$Reduce.class
[root@sandbox-hdp tpdmr]# jar -cvf wordcount.jar *.class
added manifest
adding: WordCount.class(in = 1417) (out= 690)(deflated 51%)
adding: WordCount$Map.class(in = 1926) (out= 801)(deflated 58%)
adding: WordCount$Reduce.class(in = 2007) (out= 818)(deflated 59%)
[root@sandbox-hdp tpdmr]#
```

5. Buat folder hdfs baru untuk menyimpan input, kemudian upload file input dan transfer ke hdfs



The screenshot shows a terminal window with a file explorer on the left. The file explorer displays the contents of the `/root/tpdmr/` directory, which includes `WordCount.java`, `wordcount.jar`, `WordCount.class`, `WordCount$Reduce.class`, `WordCount$Map.class`, and `booth.txt`. The terminal window shows the following commands and output:

```
[root@sandbox-hdp tpdmr]# hdfs dfs -copyFromLocal booth.txt input/
[root@sandbox-hdp tpdmr]# hadoop jar wordcount.jar WordCount input/booth.txt output
23/05/24 08:42:12 INFO client.RMProxy: Connecting to ResourceManager at sandbox-hdp.hortonworks.com/172.18.0.2:8050
23/05/24 08:42:12 INFO client.AHSProxy: Connecting to ApplicationHistory server at sandbox-hdp.hortonworks.com/172.18.0.2:10200
23/05/24 08:42:12 INFO client.AHSProxy: Connecting to ApplicationHistory server at sandbox-hdp.hortonworks.com/172.18.0.2:10200
23/05/24 08:42:12 WARN mapreduce.JobResourceUploader: Hadoop command-line option parsing not performed. Implement the Tool interface and execute
23/05/24 08:42:13 INFO mapred.FileInputFormat: Total input files to process : 1
23/05/24 08:42:13 INFO mapreduce.JobSubmitter: number of splits:2
23/05/24 08:42:13 INFO mapreduce.JobSubmitter: Submitting tokens for job: job_1684912288225_0001
23/05/24 08:42:13 INFO mapreduce.JobSubmitter: Executing with tokens: []
23/05/24 08:42:14 INFO conf.Configuration: found resource resource-types.xml at file:/etc/hadoop/3.0.1.0-187/0/resource-types.xml
23/05/24 08:42:14 INFO impl.YarnClientImpl: Submitted application application_1684912288225_0001
23/05/24 08:42:14 INFO mapreduce.Job: The url to track the job: http://sandbox-hdp.hortonworks.com:8088/proxy/application_1684912288225_0001/
23/05/24 08:42:14 INFO mapreduce.Job: Running job: job_1684912288225_0001
```



The screenshot shows a terminal window with a dark theme. The top menu bar includes Terminal, Sessions, View, X server, Tools, Games, Settings, Macros, and Help. Below the menu is a toolbar with icons for Session, Servers, Tools, Games, Sessions, View, Split, MultiExec, Tunneling, Packages, Settings, and Help. The main terminal area displays the output of a Hadoop job. The user has run the command `hdfs dfs -copyFromLocal booth.txt input/` and then `hadoop jar wordcount.jar WordCount input/booth.txt output`. The logs show the job's progress, including file system counters, job counters, and map/reduce framework details. The job completed successfully.

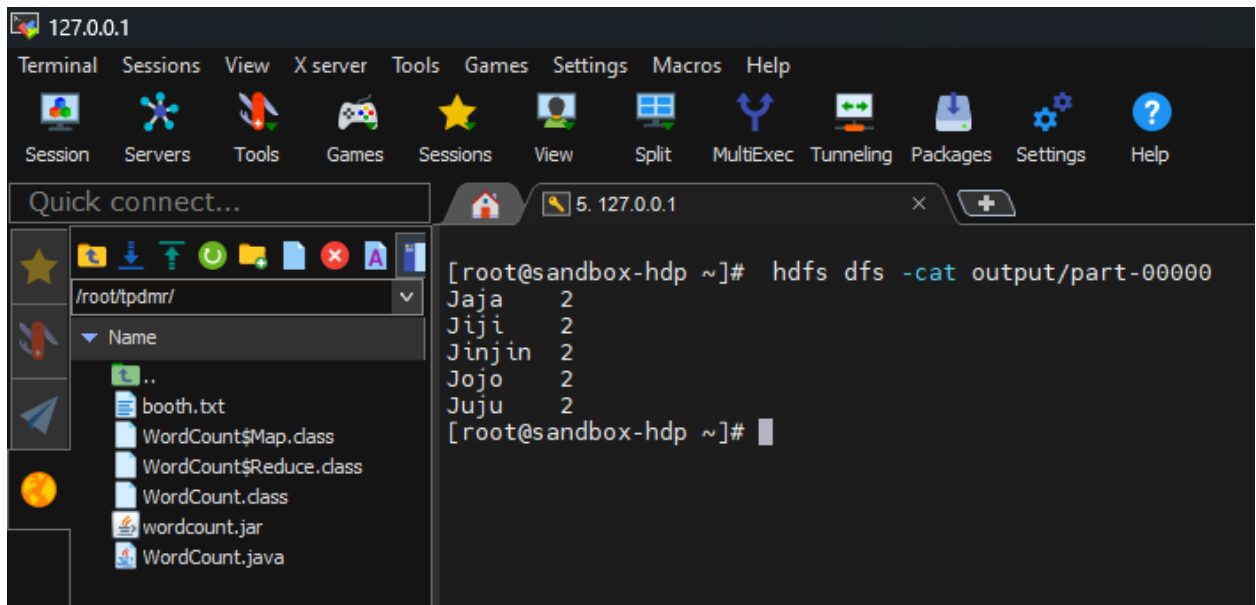
```
[root@sandbox-hdp tpdmr]# hdfs dfs -copyFromLocal booth.txt input/
[root@sandbox-hdp tpdmr]# hadoop jar wordcount.jar WordCount input/booth.txt output
23/05/24 08:42:12 INFO client.NMProxy: Connecting to ResourceManager at sandbox-hdp.hortonworks.com/172.18.0.2:8050
23/05/24 08:42:12 INFO client.NMProxy: Connecting to ApplicationHistory server at sandbox-hdp.hortonworks.com/172.18.0.2:10200
23/05/24 08:42:12 INFO client.NMProxy: Connecting to ResourceManager at sandbox-hdp.hortonworks.com/172.18.0.2:8050
23/05/24 08:42:12 INFO mapreduce.JobResourceUploader: Hadoop command-line option parsing not performed. Implement the Tool interface and execute your application with ToolRunner to remedy this.
23/05/24 08:42:12 INFO mapreduce.JobResourceUploader: Disabling Erasure Coding for path: /user/root/.staging/job_1684912288225_0001
23/05/24 08:42:13 INFO mapreduce.JobSubmitter: Total input files to process : 1
23/05/24 08:42:13 INFO mapreduce.JobSubmitter: number of splits:2
23/05/24 08:42:13 INFO mapreduce.JobSubmitter: Submitting tokens for job: job_1684912288225_0001
23/05/24 08:42:13 INFO mapreduce.JobSubmitter: Executing with tokens: []
23/05/24 08:42:14 INFO impl.YarnClientImpl: Submitted application application_1684912288225_0001
23/05/24 08:42:14 INFO mapreduce.Job: The url to track the job: http://sandbox-hdp.hortonworks.com:8088/proxy/application_1684912288225_0001/
23/05/24 08:42:14 INFO mapreduce.Job: Running job: job_1684912288225_0001
23/05/24 08:42:22 INFO mapreduce.Job: Job job_1684912288225_0001 running in uber mode : false
23/05/24 08:42:22 INFO mapreduce.Job: map 0% reduce 0%
23/05/24 08:42:31 INFO mapreduce.Job: map 100% reduce 0%
23/05/24 08:42:40 INFO mapreduce.Job: map 100% reduce 100%
23/05/24 08:42:41 INFO mapreduce.Job: Job job_1684912288225_0001 completed successfully
23/05/24 08:42:41 INFO mapreduce.Job: Counter: 5

File System Counters
  FILE: Number of bytes read:126
  FILE: Number of bytes written:704441
  FILE: Number of read operations=0
  FILE: Number of large read operations=0
  FILE: Number of write operations=0
  HDFS: Number of bytes read:330
  HDFS: Number of bytes written:37
  HDFS: Number of read operations=11
  HDFS: Number of large read operations=0
  HDFS: Number of write operations=2

Job Counters
  Launched map tasks=2
  Launched reduce tasks=1
  Data-local map tasks=2
  Total time spent by all maps in occupied slots (ms)=43100
  Total time spent by all reduces in occupied slots (ms)=27276
  Total time spent by all map tasks (ms)=10775
  Total time spent by all reduce tasks (ms)=6819
  Total vcore-milliseconds taken by all map tasks=10775
  Total vcore-milliseconds taken by all reduce tasks=6819
  Total megabyte-milliseconds taken by all map tasks=11033600
  Total megabyte-milliseconds taken by all reduce tasks=6882656

Map-Reduce Framework
  Map input records=10
  Map output records=10
  Map output bytes=94
  Map output materialized bytes=126
  Map split bytes=234
  Combine input records=0
  Combine output records=0
  Reduce input groups=5
  Reduce shuffle bytes=126
  Reduce input records=10
  Reduce output records=5
```

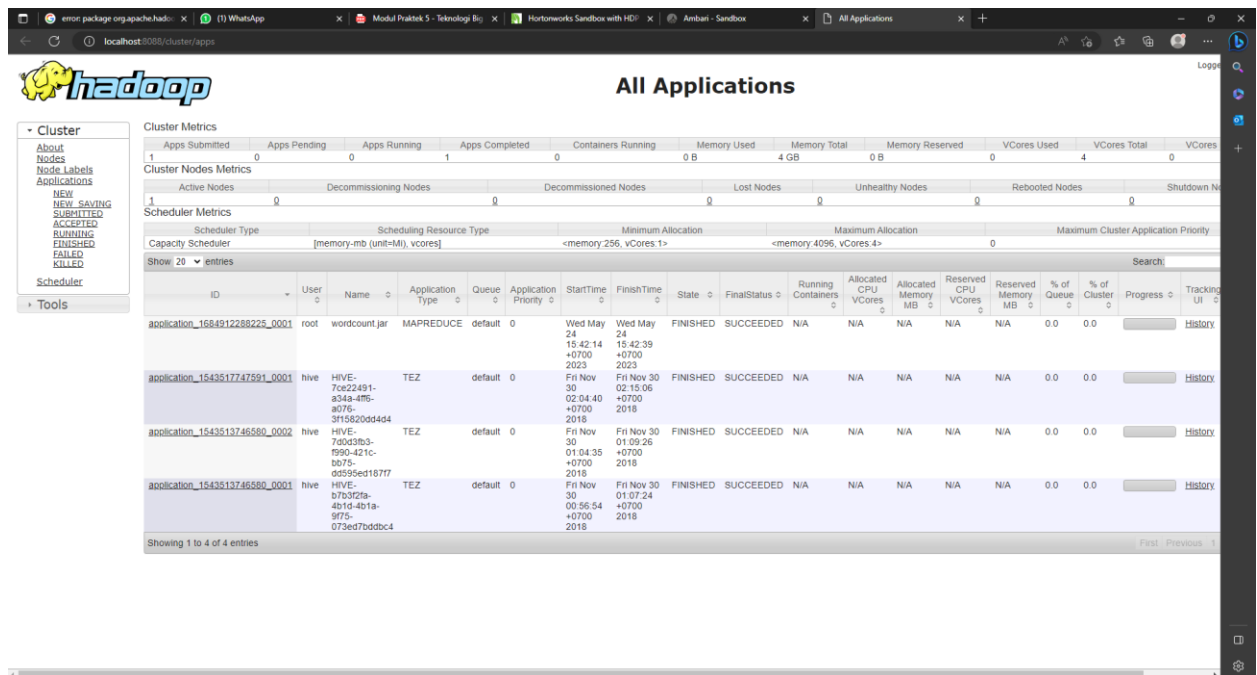
6. Baca File Output



The screenshot shows a terminal window with a dark theme. The top menu bar includes Terminal, Sessions, View, X server, Tools, Games, Settings, Macros, and Help. Below the menu is a toolbar with icons for Session, Servers, Tools, Games, Sessions, View, Split, MultiExec, Tunneling, Packages, Settings, and Help. The main terminal area displays the output of a Hadoop job. The user has run the command `hdfs dfs -cat output/part-00000`. The output shows the contents of the file `output/part-00000`, which contains the words `Jaja`, `Jiji`, `Jinjin`, `Jojo`, and `Juju`, each followed by the number `2`.

```
[root@sandbox-hdp ~]# hdfs dfs -cat output/part-00000
Jaja      2
Jiji      2
Jinjin    2
Jojo      2
Juju      2
[root@sandbox-hdp ~]#
```

7. Monitoring Jobs yang sedang berjalan di cluster



All Applications

Cluster Metrics

Apps Submitted	Apps Pending	Apps Running	Apps Completed	Containers Running	Memory Used	Memory Total	Memory Reserved	VCoers Used	VCoers Total	VCoers
1	0	0	1	0	0 B	4 GB	0 B	0	4	0

Cluster Nodes Metrics

Active Nodes	Decommissioning Nodes	Decommissioned Nodes	Lost Nodes	Unhealthy Nodes	Rebooted Nodes	Shutdown Nodes
1	0	0	0	0	0	0

Scheduler Metrics

Scheduler Type	Scheduling Resource Type	Minimum Allocation	Maximum Allocation	Maximum Cluster Application Priority
Capacity Scheduler	[memory-mb (unit=M), vcores]	<memory 256, vCores 1>	<memory 4096, vCores 4>	0

Show 20 entries

ID	User	Name	Application Type	Queue	Application Priority	StartTime	FinishTime	State	FinalStatus	Running Containers	Allocated CPU VCoers	Allocated Memory MB	Reserved CPU VCoers	Reserved Memory MB	% of Queue	% of Cluster	Progress	Tracking UI
application_1564912289225_0001	root	wordcount.jar	MAPREDUCE	default	0	Wed May 24 15:42:14 +0700 2023	Wed May 24 15:42:39 +0700 2023	FINISHED	SUCCEEDED	N/A	N/A	N/A	N/A	N/A	0.0	0.0		History
application_1543517747591_0001	hive	HIVE-7ce22491-a34a-4ff5-a076-3f15820dd4d4	TEZ	default	0	Fri Nov 30 02:04:40 +0700 2018	Fri Nov 30 02:15:06 +0700 2018	FINISHED	SUCCEEDED	N/A	N/A	N/A	N/A	N/A	0.0	0.0		History
application_1543519746580_0002	hive	HIVE-70d35b3-f990-421c-b075-d9595ed16777	TEZ	default	0	Fri Nov 30 01:04:35 +0700 2018	Fri Nov 30 01:09:26 +0700 2018	FINISHED	SUCCEEDED	N/A	N/A	N/A	N/A	N/A	0.0	0.0		History
application_1543519746580_0001	hive	HIVE-b7b392fa-4b15-4b1a-9f75-073ed70ddbc4	TEZ	default	0	Fri Nov 30 00:56:54 +0700 2018	Fri Nov 30 01:07:24 +0700 2018	FINISHED	SUCCEEDED	N/A	N/A	N/A	N/A	N/A	0.0	0.0		History

Showing 1 to 4 of 4 entries

8. Penugasan

Pada penugasan menggunakan file salaryinfo.txt dan file MaxSalaryByCountry.java yaitu sebagai berikut:

```
//Standard Java imports
import java.io.IOException;
import java.util.Iterator;
import java.util.regex.Matcher;
import java.util.regex.Pattern;
import java.util.StringTokenizer;

//Hadoop imports
import org.apache.hadoop.fs.Path;
import org.apache.hadoop.io.IntWritable;
import org.apache.hadoop.io.LongWritable;
import org.apache.hadoop.io.Text;
import org.apache.hadoop.mapred.FileInputFormat;
import org.apache.hadoop.mapred.FileOutputFormat;
import org.apache.hadoop.mapred.JobClient;
import org.apache.hadoop.mapred.JobConf;
import org.apache.hadoop.mapred.MapReduceBase;
import org.apache.hadoop.mapred.Mapper;
```

```

import org.apache.hadoop.mapred.OutputCollector;
import org.apache.hadoop.mapred.Reducer;
import org.apache.hadoop.mapred.Reporter;
import org.apache.hadoop.mapred.TextInputFormat;
import org.apache.hadoop.mapred.TextOutputFormat;

public class MaxSalaryByCountry
{
    //The Mapper
    public static class Map extends MapReduceBase implements
Mapper<LongWritable, Text, Text, IntWritable>
    {
        private Text word = new Text();

        public void map(LongWritable key, Text value,
OutputCollector<Text, IntWritable> collector, Reporter
reporter) throws IOException
        {
            String line = value.toString();
            StringTokenizer tokenizer = new
StringTokenizer(line);

            while (tokenizer.hasMoreTokens()){
                // 1st Step : kita misahin ini ininya
                StringTokenizer str = new
StringTokenizer(tokenizer.nextToken(), ",");
                String str0 = str.nextToken();
                String str1 = str.nextToken();
                String str2 = str.nextToken();
                // now you have 3 array , in which idx 0, 1, 2

                Text str11 = new Text(str1);
                IntWritable str22 = new
IntWritable(Integer.parseInt(str2));

                collector.collect(str11, str22);
            }
        }
    }

    //The Reducer
    public static class Reduce extends MapReduceBase implements
Reducer<Text, IntWritable, Text, IntWritable>
    {

```

```

        public void reduce(Text key, Iterator<IntWritable>
values, OutputCollector<Text, IntWritable> collector, Reporter
reporter) throws IOException
        {
            int count = 0;

            //code to find the bring the horizon maximum the
occurrence
            while(values.hasNext())
            {
                // check if bigger, its better
                count = Math.max(count, values.next().get());
            }

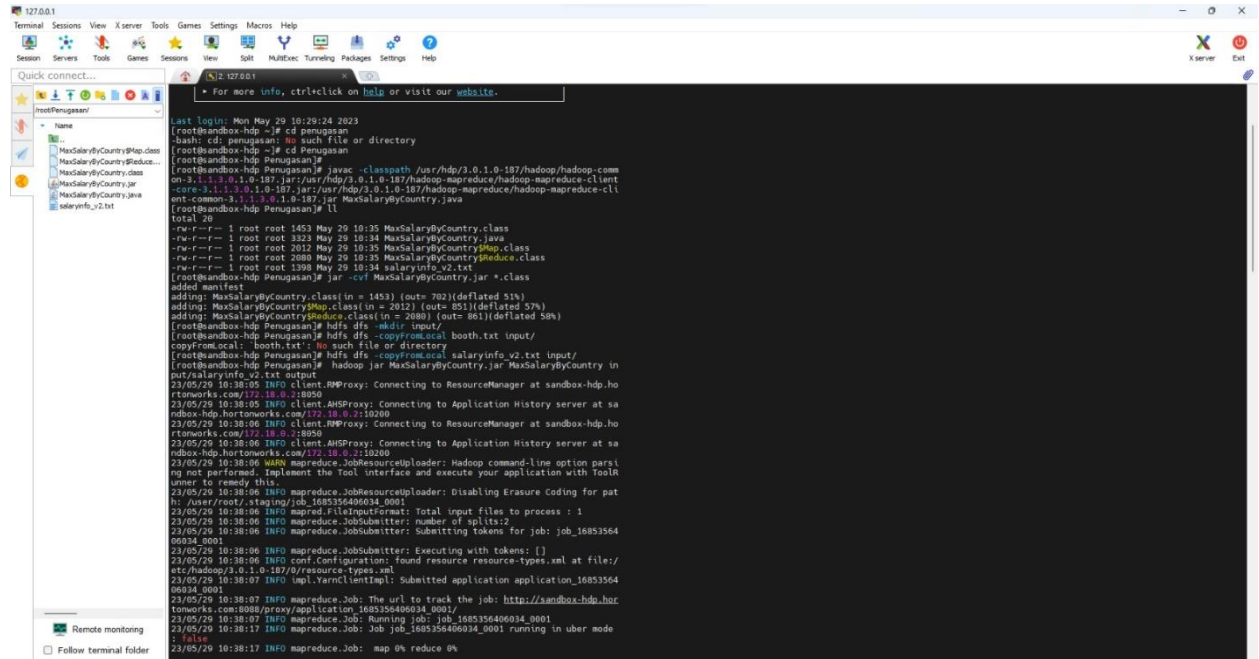
            System.out.println(key + "\t" + count);
            collector.collect(key, new IntWritable(count));
        }
    }

    //The java main method to execute the MapReduce job
    public static void main(String[] args) throws Exception
    {
        //Code to create a new Job specifying the MapReduce class
        final JobConf conf = new
JobConf(MaxSalaryByCountry.class);
        conf.setOutputKeyClass(Text.class);
        conf.setOutputValueClass(IntWritable.class);
        conf.setMapperClass(Map.class);
        // Combiner is commented out – to be used in bonus
activity
        //conf.setCombinerClass(Reduce.class);
        conf.setReducerClass(Reduce.class);
        conf.setInputFormat(TextInputFormat.class);
        conf.setOutputFormat(TextOutputFormat.class);
        //File Input argument passed as a command line argument
        FileInputFormat.setInputPaths(conf, new Path(args[0]));
        //File Output argument passed as a command line argument
        FileOutputFormat.setOutputPath(conf, new Path(args[1]));
        //statement to execute the job
        JobClient.runJob(conf);
    }
}

```

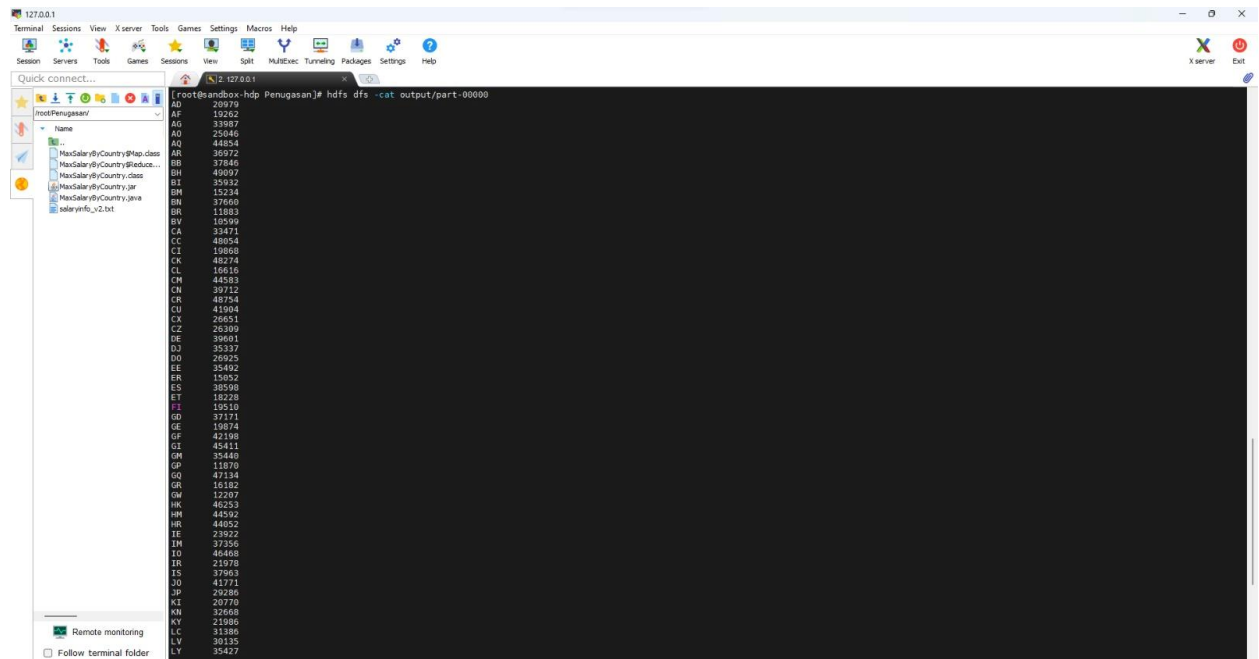
Tahapan-tahapan yang dilakukan yaitu:

Membuat folder baru yaitu “penugasan”, lakukan upload file java dan file txt. Kemudian lakukan compile pada file java dan buat jar file.



```
127.0.0.1
Terminal Sessions View X server Tools Games Settings Macros Help
Quick connect...
Last login: Mon May 29 10:29:24 2023
[root@sandbox-hdp ~]# cd penugasan
bash: cd: penugasan: No such file or directory
[root@sandbox-hdp ~]# cd Penugasan
[root@sandbox-hdp Penugasan]#
[root@sandbox-hdp Penugasan]# javac -classpath /usr/hdp/3.0.1.0-187/hadoop/hadoop-common-3.1.1.0-187.jar:/usr/hdp/3.0.1.0-187/hadoop-mapreduce/hadoop-mapreduce-client-core-3.1.1.0-187.jar:/usr/hdp/3.0.1.0-187/hadoop-mapreduce/hadoop-mapreduce-client-common-3.1.1.0-187.jar MaxSalaryByCountry.java
[root@sandbox-hdp Penugasan]# ll
total 20
-rw-r--r-- 1 root root 1453 May 29 10:35 MaxSalaryByCountry.class
-rw-r--r-- 1 root root 3223 May 29 10:34 MaxSalaryByCountry.java
-rw-r--r-- 1 root root 2012 May 29 10:35 MaxSalaryByCountry$Map.class
-rw-r--r-- 1 root root 2080 May 29 10:35 MaxSalaryByCountry$Reduce.class
-rw-r--r-- 1 root root 1398 May 29 10:34 salaryinfo_v2.txt
[root@sandbox-hdp Penugasan]# jar -cvf MaxSalaryByCountry.jar *.class
added manifest
adding: MaxSalaryByCountry.class(in = 1453) (out= 702)(deflated 51%)
adding: MaxSalaryByCountry$Map.class(in = 2012) (out= 851)(deflated 57%)
adding: MaxSalaryByCountry$Reduce.class(in = 2080) (out= 851)(deflated 58%)
[root@sandbox-hdp Penugasan]# hdfs dfs -mkdir input/
copyFromLocal: booth.txt: No such file or directory
[root@sandbox-hdp Penugasan]# hdfs dfs -copyFromLocal salaryinfo_v2.txt input/
[root@sandbox-hdp Penugasan]# hadoop jar MaxSalaryByCountry.jar MaxSalaryByCountry in
put/salaryinfo_v2.txt output
23/05/29 10:38:05 INFO client.RMProxy: Connecting to ResourceManager at sandbox-hdp.ho
rtonworks.com/172.18.0.2:8090
23/05/29 10:38:05 INFO client.AHSProxy: Connecting to Application History server at sa
ndbox-hdp.hortonworks.com/172.18.0.2:10200
23/05/29 10:38:06 INFO client.RMProxy: Connecting to ResourceManager at sandbox-hdp.ho
rtonworks.com/172.18.0.2:8090
23/05/29 10:38:06 INFO client.AHSProxy: Connecting to Application History server at sa
ndbox-hdp.hortonworks.com/172.18.0.2:10200
23/05/29 10:38:06 WARN mapreduce.JobResourceUploader: Hadoop command-line option persi
ng not performed. Implement the Tool interface and execute your application with ToolA
runner to remedy this.
23/05/29 10:38:06 INFO mapreduce.JobResourceUploader: Disabling Erasure Coding for pat
h: /user/root/staging/job_1685356406034_0001
23/05/29 10:38:06 INFO mapred.FileInputFormat: Total input files to process : 1
23/05/29 10:38:06 INFO mapreduce.JobSubmitter: number of splits:2
23/05/29 10:38:06 INFO mapreduce.JobSubmitter: Submitting tokens for job: job_16853564
06034_0001
23/05/29 10:38:06 INFO mapreduce.JobSubmitter: Executing with tokens: []
23/05/29 10:38:06 INFO conf.Configuration: found resource resource-types.xml at file:/
etc/hadoop/3.0.1.0-187/0/resource-types.xml
23/05/29 10:38:07 INFO Impl.VarClientImpl: Submitted application application_16853564
06034_0001
23/05/29 10:38:07 INFO mapreduce.Job: The url to track the job: http://sandbox-hdp.hor
tonworks.com:8088/proxy/application_1685356406034_0001/
23/05/29 10:38:07 INFO mapreduce.Job: Running job: job_1685356406034_0001
23/05/29 10:38:17 INFO mapreduce.Job: Job job_1685356406034_0001 running in uber mode
23/05/29 10:38:17 INFO mapreduce.Job: map 0% reduce 0%
```

Setelah itu baca output dari folder output



```
127.0.0.1
Terminal Sessions View X server Tools Games Settings Macros Help
Quick connect...
[root@sandbox-hdp Penugasan]# hdfs dfs -cat output/part-00000
AD 20979
AF 15252
AG 33987
AQ 25446
AQ 44854
AR 36972
BB 37446
BH 49097
BI 35932
BM 15234
BN 37660
BR 11883
BV 16599
CA 32471
CC 48054
CI 19068
CK 48274
CL 16616
CM 44583
CN 39712
CR 48754
CU 41984
CX 26651
CZ 26309
DE 36601
DJ 35337
DO 26925
EE 35492
ER 15052
ES 38598
ET 18228
FI 16520
GD 37171
GE 19874
GF 42198
GI 45411
GN 35440
GP 11870
GQ 47134
GR 16182
GW 12207
HK 46253
HR 44592
HR 44052
IE 23922
IM 37356
IO 46468
IR 21978
IS 37963
JO 41771
JP 29286
KI 20770
KN 32668
KY 21986
LV 31386
LY 30135
LY 35427
```


Lakukan monitoring jobs

root@sandbox-hdp: ~ - Shell In - x | Hortonworks Sandbox with HDP | (2) WhatsApp | Modul Praktek 4 - Teknologi Big | Modul Praktek 5 - Teknologi Big | All Applications

localhost:8088/cluster/apps

hadoop All Applications

Cluster

About Nodes Node Labels Applications NEW NEW SAVING SUBMITTED ACCEPTED RUNNING FINISHED FAILED KILLED Scheduler Tools

Cluster Metrics

Apps Submitted	0	Apps Pending	0	Apps Running	1	Apps Completed	0	Containers Running	0 B	Memory Used	4 GB	Memory Total	0 B	Memory Reserved	0	VCoers Used	4	VCoers Total	0
----------------	---	--------------	---	--------------	---	----------------	---	--------------------	-----	-------------	------	--------------	-----	-----------------	---	-------------	---	--------------	---

Cluster Nodes Metrics

Active Nodes	0	Decommissioning Nodes	0	Decommissioned Nodes	0	Lost Nodes	0	Unhealthy Nodes	0	Rebooted Nodes	0	Shutdown Nodes	0
--------------	---	-----------------------	---	----------------------	---	------------	---	-----------------	---	----------------	---	----------------	---

Scheduler Metrics

Scheduler Type	Capacity Scheduler	Scheduling Resource Type	[memory-mb (unit=Mi), vcores]	Minimum Allocation	<memory:256, vCores:1>	Maximum Allocation	<memory:4096, vCores:4>	Maximum Cluster Application P	0
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Show 20 entries

ID	User	Name	Application Type	Queue	Application Priority	StartTime	FinishTime	State	FinalStatus	Running Containers	Allocated CPU vCores	Allocated Memory MB	Reserved CPU vCores	Reserved Memory MB	% of Queue	% of Cluster	Progress
application_1585356406034_0001	root	MaxSalaryByCountry.jar	MAPREDUCE	default	0	Mon May 29 17:38:06 +0700 2023	Mon May 29 17:38:47 +0700 2023	FINISHED	SUCCEEDED	N/A	N/A	N/A	N/A	N/A	0.0	0.0	
application_1543517747591_0001	hive	HIVE-7ce22491-a34a-4ff6-a076-3f15820d54d4	TEZ	default	0	Fri Nov 30 02:04:40 +0700 2018	Fri Nov 30 02:15:06 +0700 2018	FINISHED	SUCCEEDED	N/A	N/A	N/A	N/A	N/A	0.0	0.0	
application_1543519746580_0002	hive	HIVE-7d0d3fb3-f990-421c-b675-dd595ed18777	TEZ	default	0	Fri Nov 30 01:04:35 +0700 2018	Fri Nov 30 01:09:26 +0700 2018	FINISHED	SUCCEEDED	N/A	N/A	N/A	N/A	N/A	0.0	0.0	
application_1543519746580_0001	hive	HIVE-b7b3f2fa-4b1d-4b1a-9f75-073ed7d0dbdc4	TEZ	default	0	Fri Nov 30 00:56:54 +0700 2018	Fri Nov 30 01:07:24 +0700 2018	FINISHED	SUCCEEDED	N/A	N/A	N/A	N/A	N/A	0.0	0.0	

Showing 1 to 4 of 4 entries