**HIVE ASSIGNMENT :USE OF SQL SCRIPT**

**SQL SCRIPT FILE**

show databases;

create database acpbatchB;

use acpbatchB;

create table employee(name string, company string, sal int) row format delimited fields terminated by '\t';

load data local inpath'/home/ccoew/ACP/employeebatchB.txt' into table employee;

select \* from employee;

select count(\*) from employee;

select min(sal) from employee;

**Input file**

sarika acb 10000

pradnya hnm 2000

jaya frd 5000

radha tre 6000

**Terminal output**

***ccoew@ccoew-System-Product-Name:~$ sudo su***

[sudo] password for ccoew:

***root@ccoew-System-Product-Name:/home/ccoew# start-all.sh***

This script is Deprecated. Instead use start-dfs.sh and start-yarn.sh

Starting namenodes on [localhost]

localhost: namenode running as process 13914. Stop it first.

localhost: datanode running as process 14057. Stop it first.

Starting secondary namenodes [0.0.0.0]

0.0.0.0: secondarynamenode running as process 14237. Stop it first.

starting yarn daemons

resourcemanager running as process 14392. Stop it first.

localhost: nodemanager running as process 14685. Stop it first.

***root@ccoew-System-Product-Name:/home/ccoew# jps***

13914 NameNode

17999 Jps

14237 SecondaryNameNode

14392 ResourceManager

14057 DataNode

14685 NodeManager

***root@ccoew-System-Product-Name:/home/ccoew# hive -f /home/ccoew/ACP/batchbScript.sql***

16/09/29 16:50:16 INFO Configuration.deprecation: mapred.input.dir.recursive is deprecated. Instead, use mapreduce.input.fileinputformat.input.dir.recursive

16/09/29 16:50:16 INFO Configuration.deprecation: mapred.max.split.size is deprecated. Instead, use mapreduce.input.fileinputformat.split.maxsize

16/09/29 16:50:16 INFO Configuration.deprecation: mapred.min.split.size is deprecated. Instead, use mapreduce.input.fileinputformat.split.minsize

16/09/29 16:50:16 INFO Configuration.deprecation: mapred.min.split.size.per.rack is deprecated. Instead, use mapreduce.input.fileinputformat.split.minsize.per.rack

16/09/29 16:50:16 INFO Configuration.deprecation: mapred.min.split.size.per.node is deprecated. Instead, use mapreduce.input.fileinputformat.split.minsize.per.node

16/09/29 16:50:16 INFO Configuration.deprecation: mapred.reduce.tasks is deprecated. Instead, use mapreduce.job.reduces

16/09/29 16:50:16 INFO Configuration.deprecation: mapred.reduce.tasks.speculative.execution is deprecated. Instead, use mapreduce.reduce.speculative

16/09/29 16:50:16 WARN conf.Configuration: org.apache.hadoop.hive.conf.LoopingByteArrayInputStream@14332f47:an attempt to override final parameter: mapreduce.job.end-notification.max.retry.interval; Ignoring.

16/09/29 16:50:16 WARN conf.Configuration: org.apache.hadoop.hive.conf.LoopingByteArrayInputStream@14332f47:an attempt to override final parameter: mapreduce.job.end-notification.max.attempts; Ignoring.

Logging initialized using configuration in jar:file:/usr/local/hive-0.11.0/lib/hive-common-0.11.0.jar!/hive-log4j.properties

Hive history file=/tmp/root/hive\_job\_log\_root\_18444@ccoew-System-Product-Name\_201609291650\_2124819542.txt

SLF4J: Class path contains multiple SLF4J bindings.

SLF4J: Found binding in [jar:file:/usr/local/hadoop/share/hadoop/common/lib/slf4j-log4j12-1.7.5.jar!/org/slf4j/impl/StaticLoggerBinder.class]

SLF4J: Found binding in [jar:file:/usr/local/hive-0.11.0/lib/slf4j-log4j12-1.6.1.jar!/org/slf4j/impl/StaticLoggerBinder.class]

SLF4J: See http://www.slf4j.org/codes.html#multiple\_bindings for an explanation.

SLF4J: Actual binding is of type [org.slf4j.impl.Log4jLoggerFactory]

**OK**

**batchb**

**data4916**

**db001**

**db01**

**db1**

**db2**

**db3**

**db4**

**db40**

**db401**

**db402**

**db403**

**db61**

**db9**

**db91**

**db92**

**db93**

**db94**

**db95**

**db96**

**dbcl1**

**default**

**emp\_records**

**empdb**

**empdb1**

**empdbc1**

**iamsuperhero4917**

**iamsuperhero4917\_2**

**iamsuperhero4917\_3**

**iamsuperhero4917\_4**

**placement1**

**placement2**

**placement20**

**stud441**

**student1**

**zz1**

**Time taken: 2.747 seconds, Fetched: 36 row(s)**

**OK**

**Time taken: 0.449 seconds**

**OK**

**Time taken: 0.009 seconds**

**OK**

**Time taken: 0.503 seconds**

**Copying data from file:/home/ccoew/ACP/employeebatchB.txt**

**Copying file: file:/home/ccoew/ACP/employeebatchB.txt**

**Loading data to table acpbatchb.employee**

**Table acpbatchb.employee stats: [num\_partitions: 0, num\_files: 1, num\_rows: 0, total\_size: 63, raw\_data\_size: 0]**

**OK**

**Time taken: 0.54 seconds**

**OK**

**sarika acb 10000**

**pradnya hnm 2000**

**jaya frd 5000**

**radha tre 6000**

**Time taken: 0.19 seconds, Fetched: 4 row(s)**

Total MapReduce jobs = 1

Launching Job 1 out of 1

Number of reduce tasks determined at compile time: 1

In order to change the average load for a reducer (in bytes):

set hive.exec.reducers.bytes.per.reducer=<number>

In order to limit the maximum number of reducers:

set hive.exec.reducers.max=<number>

In order to set a constant number of reducers:

set mapred.reduce.tasks=<number>

16/09/29 16:50:22 INFO Configuration.deprecation: mapred.input.dir.recursive is deprecated. Instead, use mapreduce.input.fileinputformat.input.dir.recursive

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16/09/29 16:50:22 WARN conf.Configuration: org.apache.hadoop.hive.conf.LoopingByteArrayInputStream@3410cdeb:an attempt to override final parameter: mapreduce.job.end-notification.max.retry.interval; Ignoring.

16/09/29 16:50:22 WARN conf.Configuration: org.apache.hadoop.hive.conf.LoopingByteArrayInputStream@3410cdeb:an attempt to override final parameter: mapreduce.job.end-notification.max.attempts; Ignoring.

Execution log at: /tmp/root/.log

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SLF4J: Found binding in [jar:file:/usr/local/hive-0.11.0/lib/slf4j-log4j12-1.6.1.jar!/org/slf4j/impl/StaticLoggerBinder.class]

SLF4J: See http://www.slf4j.org/codes.html#multiple\_bindings for an explanation.

SLF4J: Actual binding is of type [org.slf4j.impl.Log4jLoggerFactory]

Job running in-process (local Hadoop)

Hadoop job information for null: number of mappers: 0; number of reducers: 0

2016-09-29 16:50:24,993 null map = 100%, reduce = 100%

Ended Job = job\_local376839168\_0001

**Execution completed successfully**

**Mapred Local Task Succeeded . Convert the Join into MapJoin**

**OK**

**4**

**Time taken: 4.448 seconds, Fetched: 1 row(s)**

Total MapReduce jobs = 1

Launching Job 1 out of 1

Number of reduce tasks determined at compile time: 1

In order to change the average load for a reducer (in bytes):

set hive.exec.reducers.bytes.per.reducer=<number>

In order to limit the maximum number of reducers:

set hive.exec.reducers.max=<number>

In order to set a constant number of reducers:

set mapred.reduce.tasks=<number>

16/09/29 16:50:26 INFO Configuration.deprecation: mapred.input.dir.recursive is deprecated. Instead, use mapreduce.input.fileinputformat.input.dir.recursive

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16/09/29 16:50:26 WARN conf.Configuration: org.apache.hadoop.hive.conf.LoopingByteArrayInputStream@429a9a6e:an attempt to override final parameter: mapreduce.job.end-notification.max.retry.interval; Ignoring.

16/09/29 16:50:26 WARN conf.Configuration: org.apache.hadoop.hive.conf.LoopingByteArrayInputStream@429a9a6e:an attempt to override final parameter: mapreduce.job.end-notification.max.attempts; Ignoring.

Execution log at: /tmp/root/.log

SLF4J: Class path contains multiple SLF4J bindings.

SLF4J: Found binding in [jar:file:/usr/local/hadoop/share/hadoop/common/lib/slf4j-log4j12-1.7.5.jar!/org/slf4j/impl/StaticLoggerBinder.class]

SLF4J: Found binding in [jar:file:/usr/local/hive-0.11.0/lib/slf4j-log4j12-1.6.1.jar!/org/slf4j/impl/StaticLoggerBinder.class]

SLF4J: See http://www.slf4j.org/codes.html#multiple\_bindings for an explanation.

SLF4J: Actual binding is of type [org.slf4j.impl.Log4jLoggerFactory]

Job running in-process (local Hadoop)

Hadoop job information for null: number of mappers: 0; number of reducers: 0

2016-09-29 16:50:29,070 null map = 100%, reduce = 100%

Ended Job = job\_local937932227\_0001

Execution completed successfully

**Mapred Local Task Succeeded . Convert the Join into MapJoin**

**OK**

**2000**

**Time taken: 4.079 seconds, Fetched: 1 row(s)**

***root@ccoew-System-Product-Name:/home/ccoew#***