

The image shows a Windows desktop environment with a dark blue theme. On the left, there is a terminal window titled 'root@sandbox-hdp ~#'. It displays a command-line session for Sqoop, which is attempting to import data from MySQL into Hive. The session includes error messages about the absence of Accumulo and SSL configuration. On the right, there is a Notepad window titled 'Group E - Notepad' containing a list of names under the heading 'Data Technology Solutions Group E'. The names listed are Bibek Shah Shankhar, Davinderjit Singh, Kirandeep Kaur, Kamaldeep kaur Dhami, and Anirudh Siddula. The desktop also features a taskbar at the bottom with icons for Google Chrome, VLC media player, and Microsoft Word, along with a search bar and system status indicators.

```
[root@sandbox-hdp ~]# sqoop-import --connect jdbc:mysql://sandbox-hdp.hortonworks.com/hive --username root --P --table TBLS --target-dir /user/bibek/sqoop/tbls --fields-terminated-by '|' --num-mapper 8 --delete --target-dir
Warning: /usr/hdp/2.6.5.0-292/accumulo does not exist! Accumulo imports will fail.
Please set $ACCUMULO_HOME to the root of your Accumulo installation.
21/10/02 13:48:06 INFO sqoop.Sqoop: Running Sqoop version: 1.4.6.2.6.5.0-292
Enter password:
21/10/02 13:48:11 ERROR tool.BaseSqoopTool: Error parsing arguments for import:
21/10/02 13:48:11 ERROR tool.BaseSqoopTool: Unrecognized argument: --num-mapper
21/10/02 13:48:11 ERROR tool.BaseSqoopTool: Unrecognized argument: 8
21/10/02 13:48:11 ERROR tool.BaseSqoopTool: Unrecognized argument: --delete-target-dir

Try --help for usage instructions.
[root@sandbox-hdp ~]# clear
[root@sandbox-hdp ~]# sqoop-import --connect jdbc:mysql://sandbox-hdp.hortonworks.com/hive --username root --P --table TBLS --target-dir /user/bibek/sqoop/tbls --fields-terminated-by '|' --num-mappers 8 --delete-target-dir
Warning: /usr/hdp/2.6.5.0-292/accumulo does not exist! Accumulo imports will fail.
Please set $ACCUMULO_HOME to the root of your Accumulo installation.
21/10/02 13:49:35 INFO sqoop.Sqoop: Running Sqoop version: 1.4.6.2.6.5.0-292
Enter password:
21/10/02 13:49:42 INFO manager.MySQLManager: Preparing to use a MySQL streaming resultset.
21/10/02 13:49:42 INFO tool.CodeGenTool: Beginning code generation
Sat Oct 02 13:49:42 UTC 2021 WARN: Establishing SSL connection without server's identity verification is not recommended. According to MySQL 5.5.45+, 5.6.26+ and 5.7.6+ requirements SSL connection must be established by default if explicit option isn't set. For compliance with existing applications not using SSL the verifyServerCertificate property is set to 'false'. You need either to explicitly disable SSL by setting useSSL=false, or set useSSL=true and provide truststore for server certificate verification.
21/10/02 13:49:42 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM `TBLS` AS t LIMIT 1
21/10/02 13:49:42 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM `TBLS` AS t LIMIT 1
21/10/02 13:49:42 INFO orm.CompilationManager: HADOOP_MAPRED_HOME is /usr/hdp/2.6.5.0-292/hadoop-mapreduce
Note: /tmp/sqoop-root/compile/77e5968757b63b13332d74ff51196e1d/TBLS.java uses or overrides a deprecated API.
```

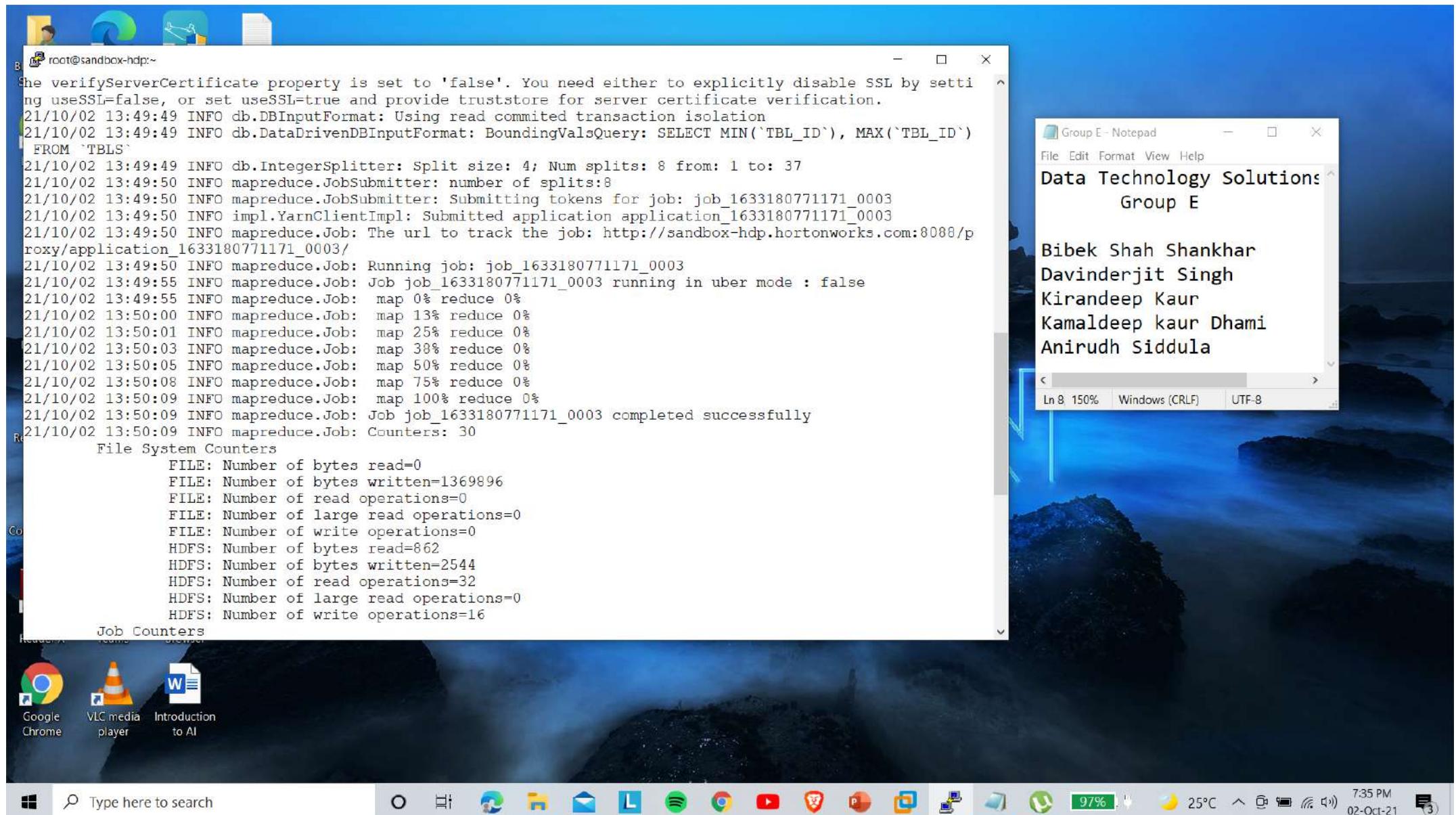
Group E - Notepad

Data Technology Solutions

Group E

Bibek Shah Shankhar
Davinderjit Singh
Kirandeep Kaur
Kamaldeep kaur Dhami
Anirudh Siddula

Ln 8 150% Windows (CRLF) UTF-8



```
FILE: Number of write operations=0
HDFS: Number of bytes read=862
HDFS: Number of bytes written=2544
HDFS: Number of read operations=32
HDFS: Number of large read operations=0
HDFS: Number of write operations=16
Job Counters
    Launched map tasks=8
    Other local map tasks=8
    Total time spent by all maps in occupied slots (ms)=36621
    Total time spent by all reduces in occupied slots (ms)=0
    Total time spent by all map tasks (ms)=36621
    Total vcore-milliseconds taken by all map tasks=36621
    Total megabyte-milliseconds taken by all map tasks=9155250
Map-Reduce Framework
    Map input records=37
    Map output records=37
    Input split bytes=862
    Spilled Records=0
    Failed Shuffles=0
    Merged Map outputs=0
    GC time elapsed (ms)=1931
    CPU time spent (ms)=12680
    Physical memory (bytes) snapshot=1356070912
    Virtual memory (bytes) snapshot=15580155904
    Total committed heap usage (bytes)=353894400
File Input Format Counters
    Bytes Read=0
File Output Format Counters
    Bytes Written=2544
21/10/02 13:50:09 INFO mapreduce.ImportJobBase: Transferred 2.4844 KB in 24.9617 seconds (101.9162 bytes/sec)
21/10/02 13:50:09 INFO mapreduce.ImportJobBase: Retrieved 37 records.
[root@sandbox-hdp ~]#
```

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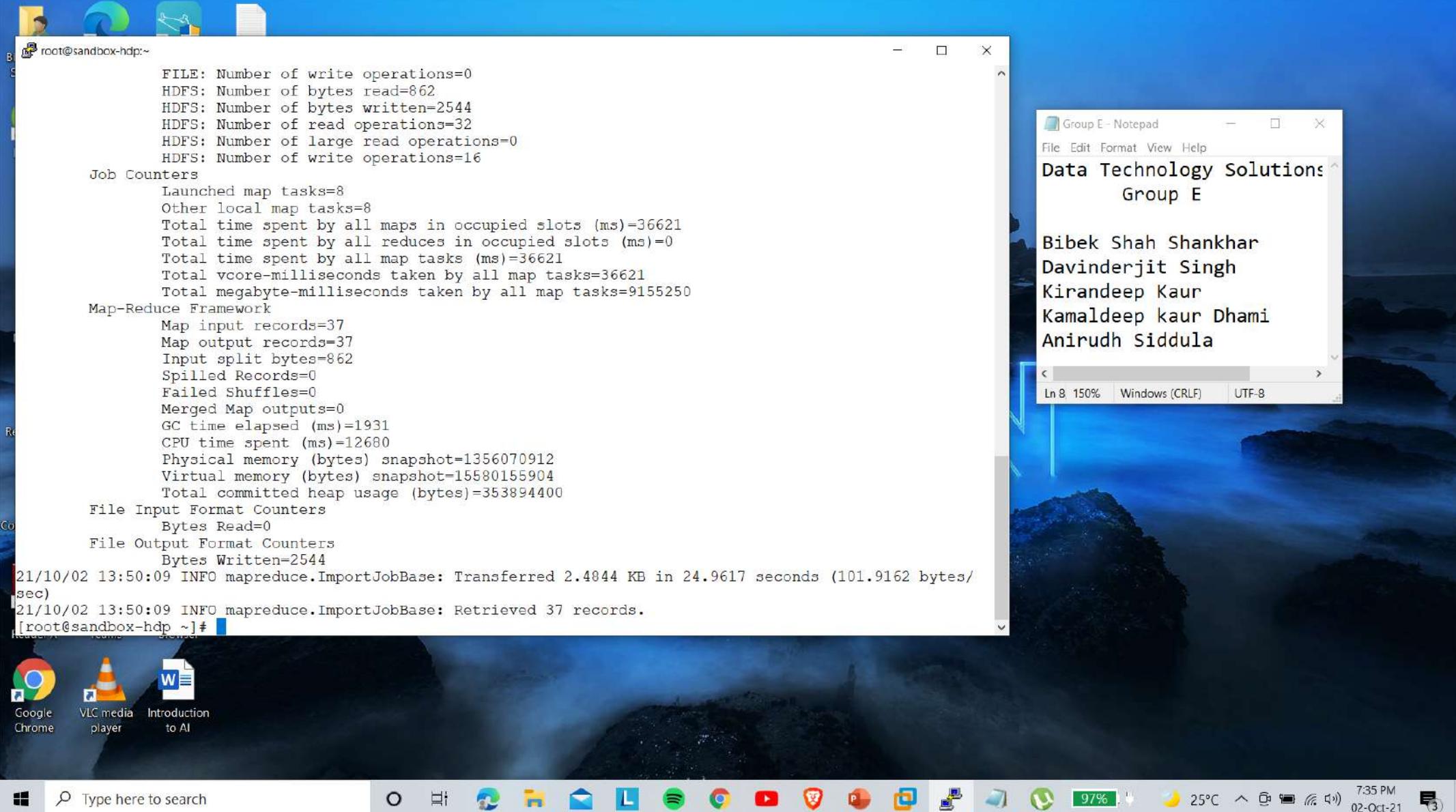
File Edit Format View Help

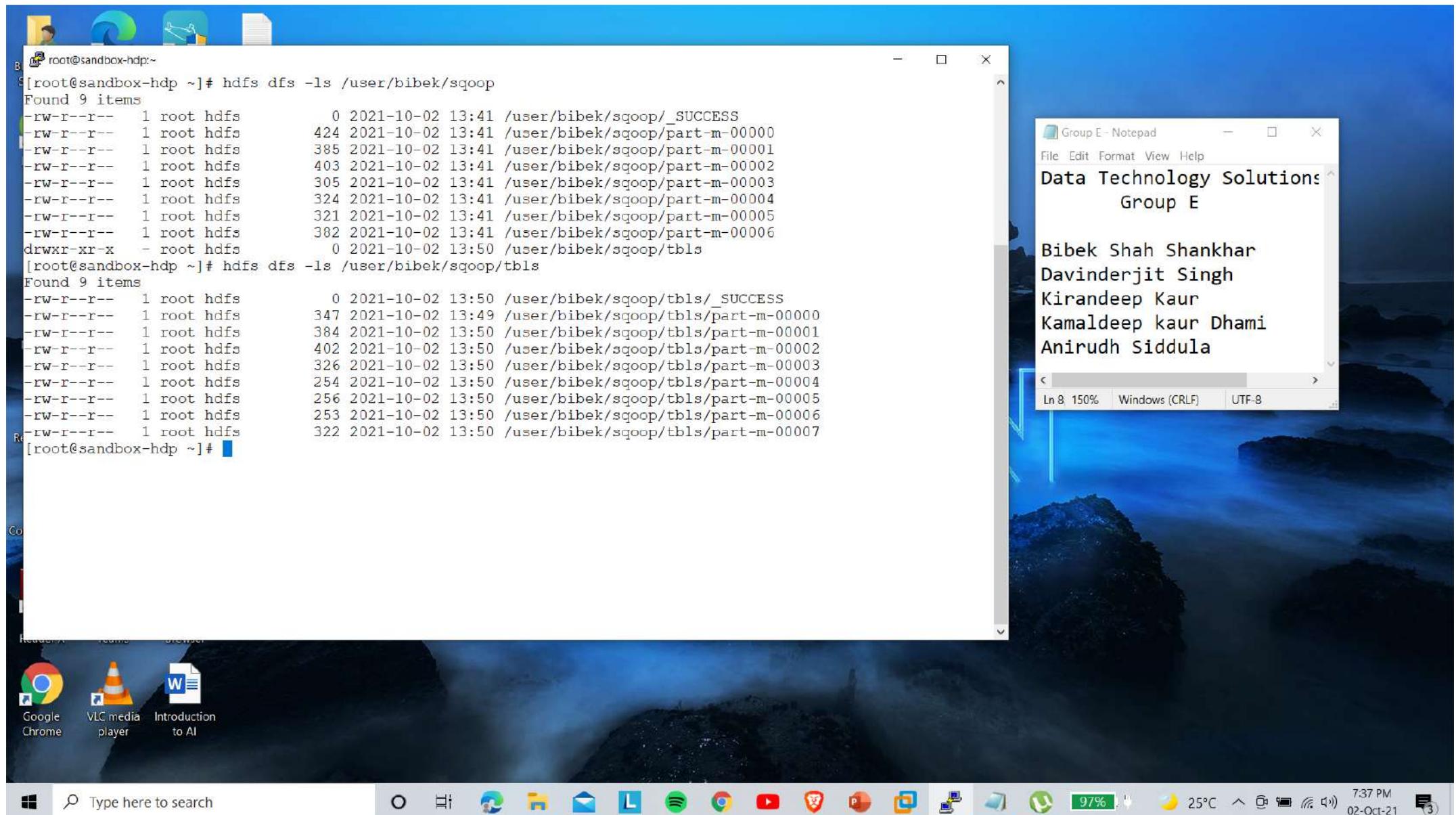
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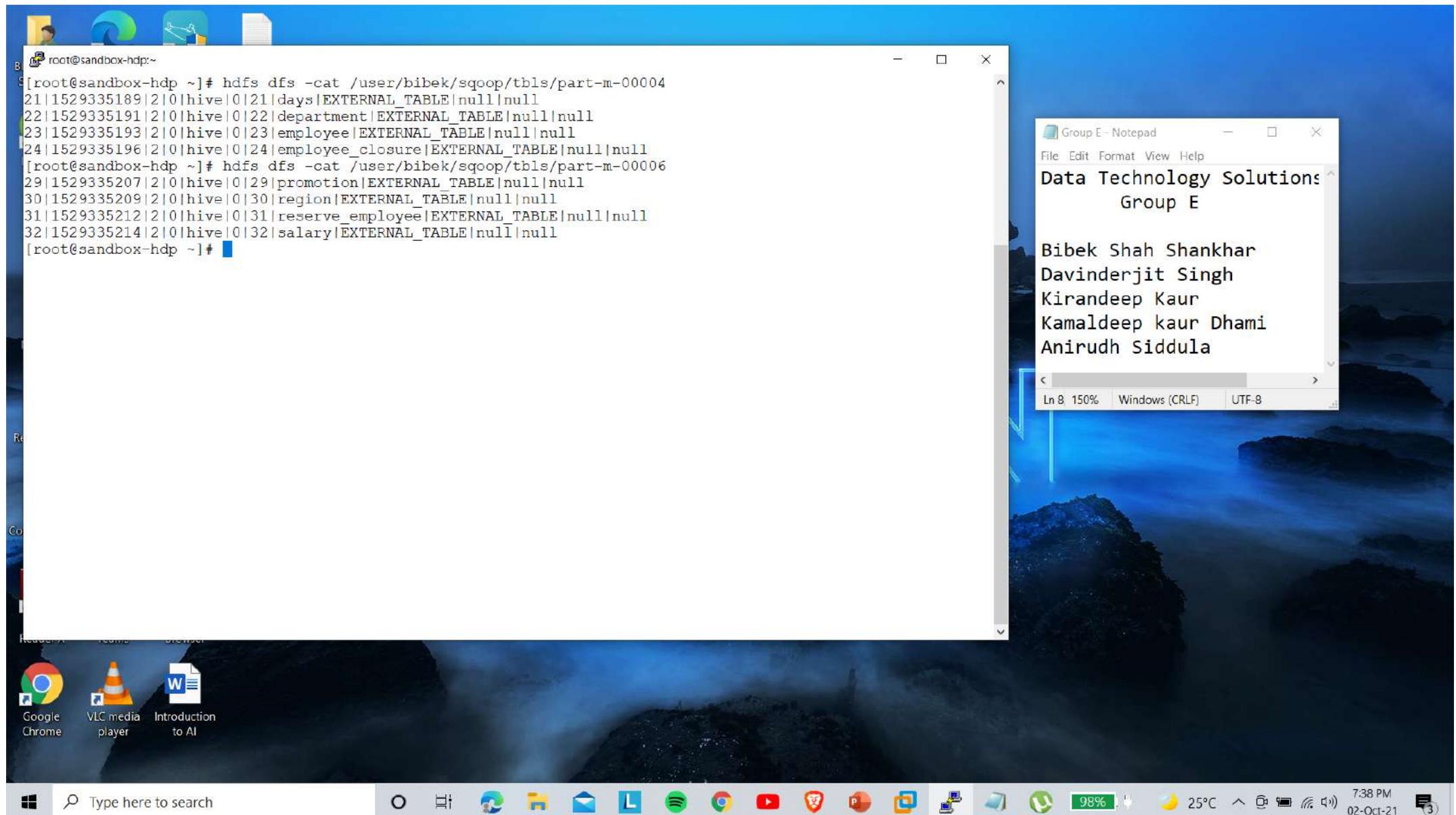
Group E

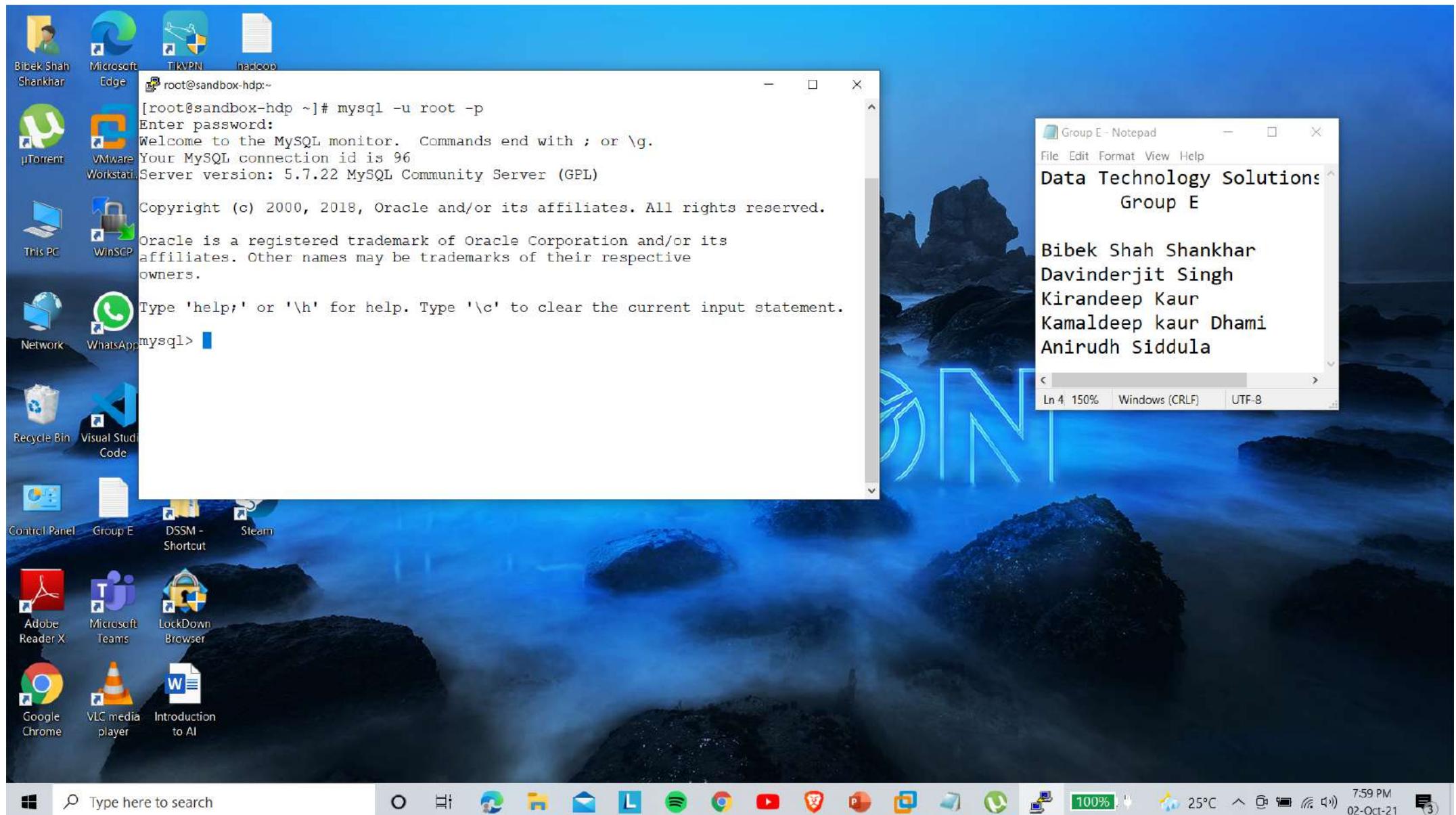
Bibek Shah Shankhar
Davinderjit Singh
Kirandeep Kaur
Kamaldeep kaur Dhami
Anirudh Siddula

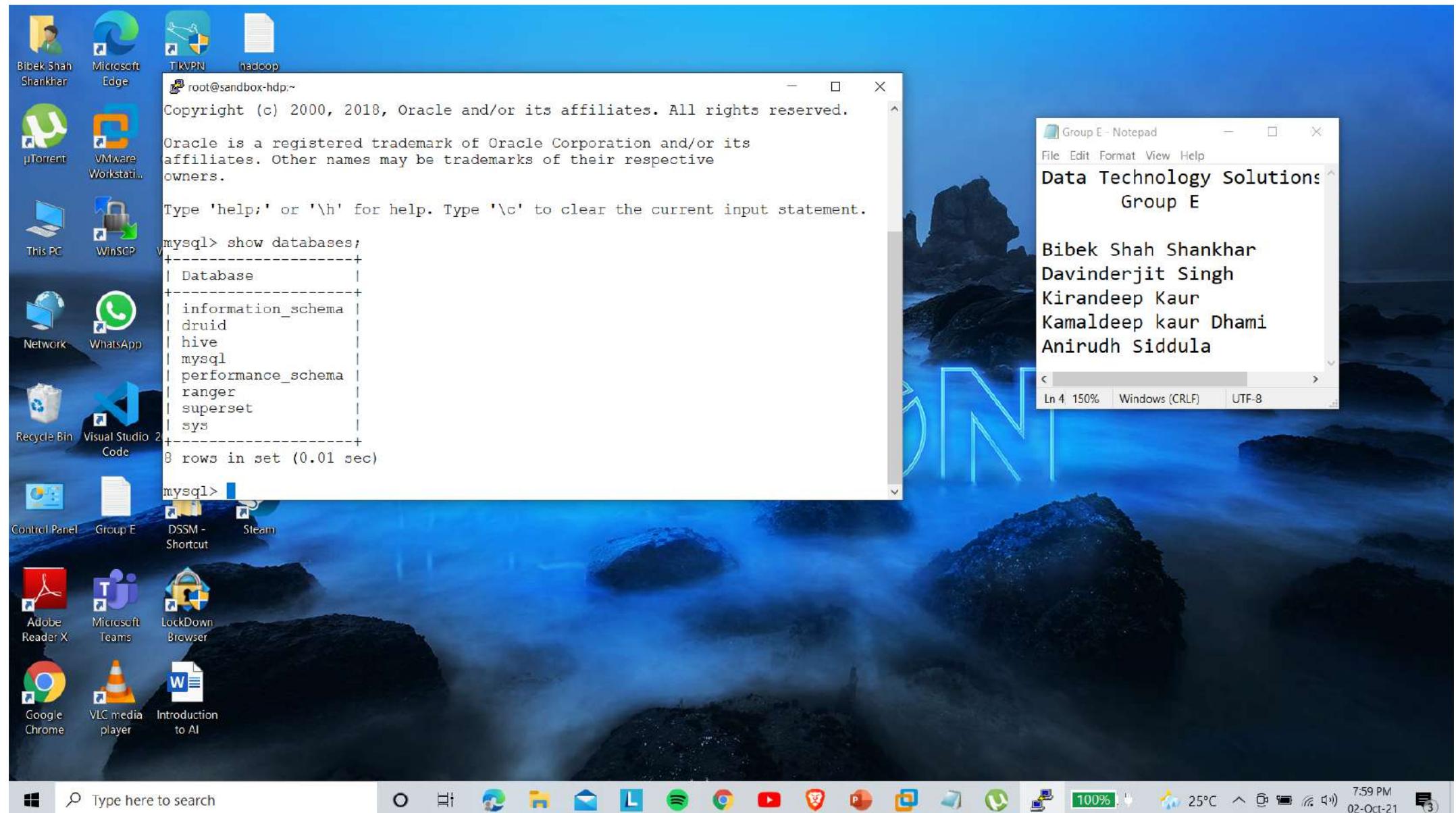
Ln 8 150% Windows (CRLF) UTF-8











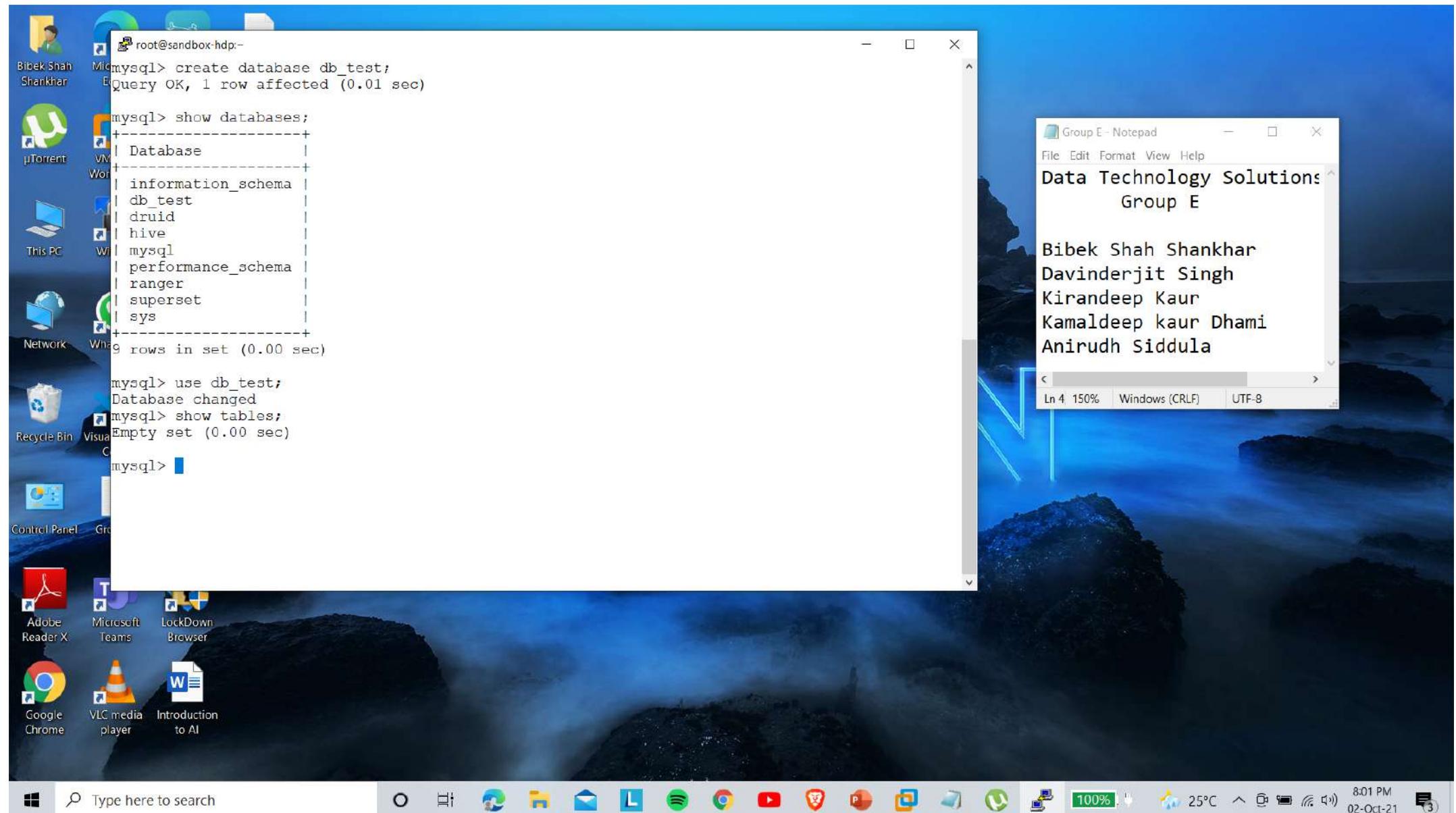
```
[root@sandbox-hdp:~]# mysql> create database db_test;
Query OK, 1 row affected (0.01 sec)

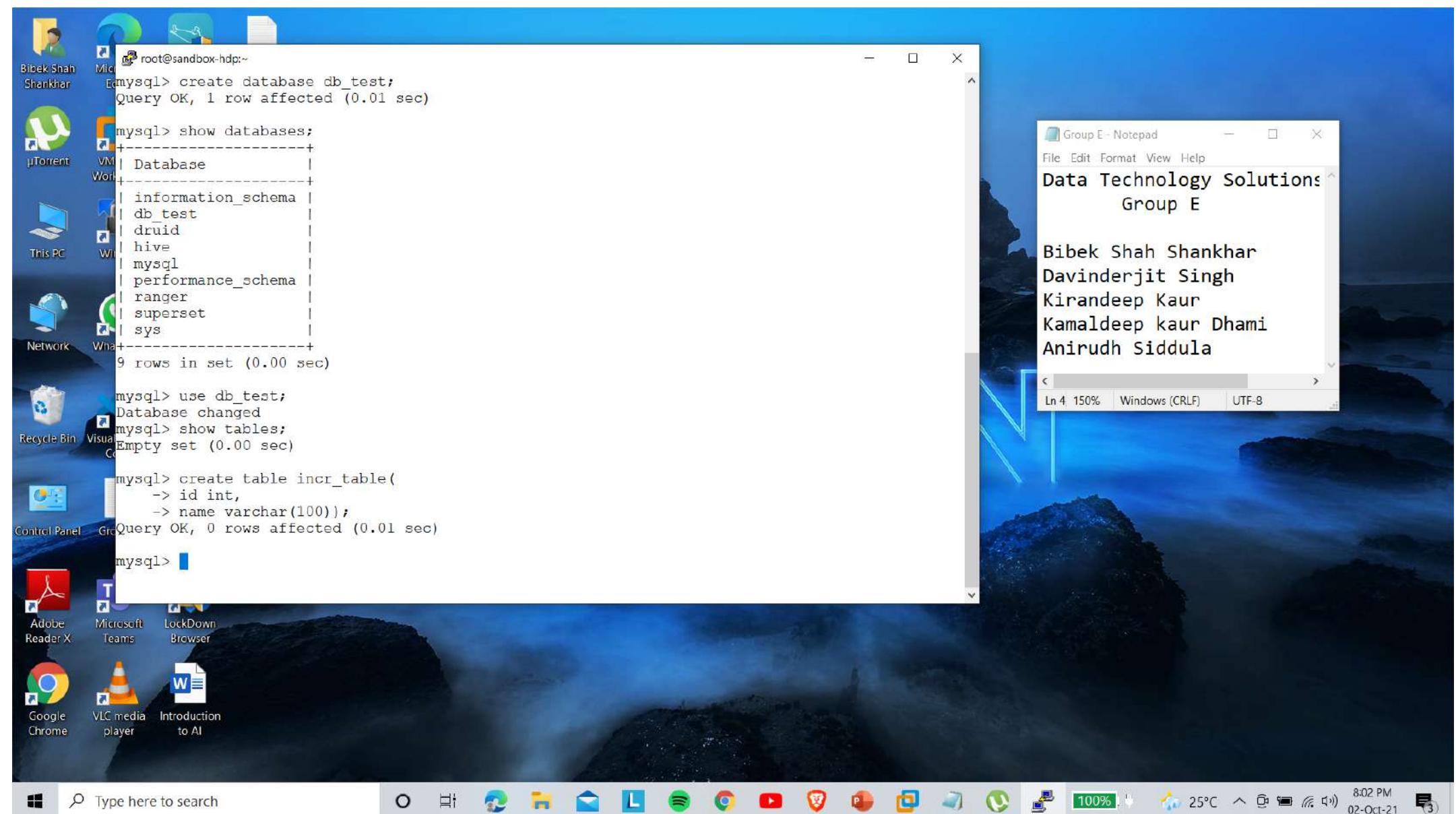
mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| db_test      |
| druid        |
| hive         |
| mysql         |
| performance_schema |
| ranger        |
| superset      |
| sys           |
+-----+
9 rows in set (0.00 sec)

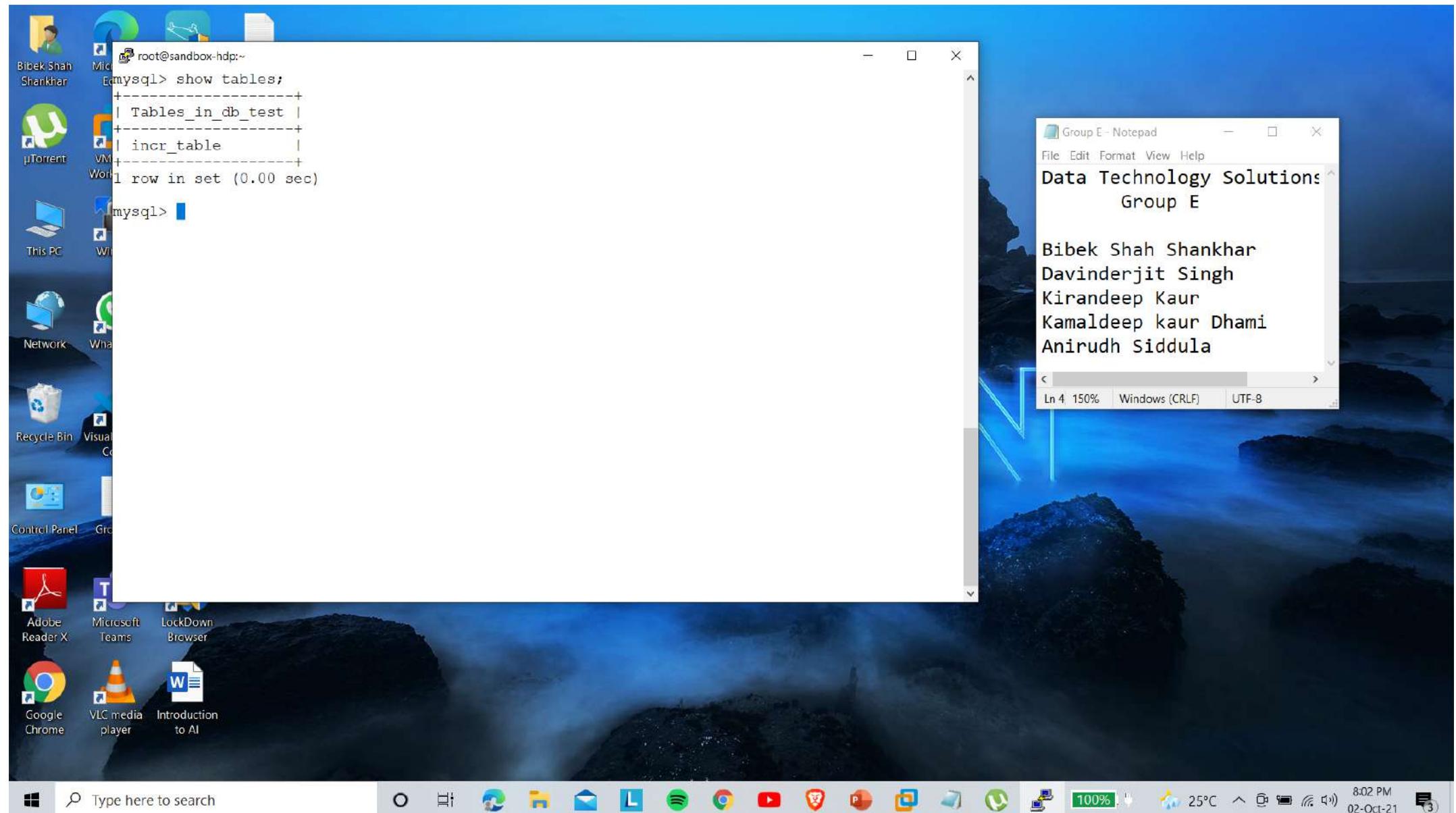
mysql>
```

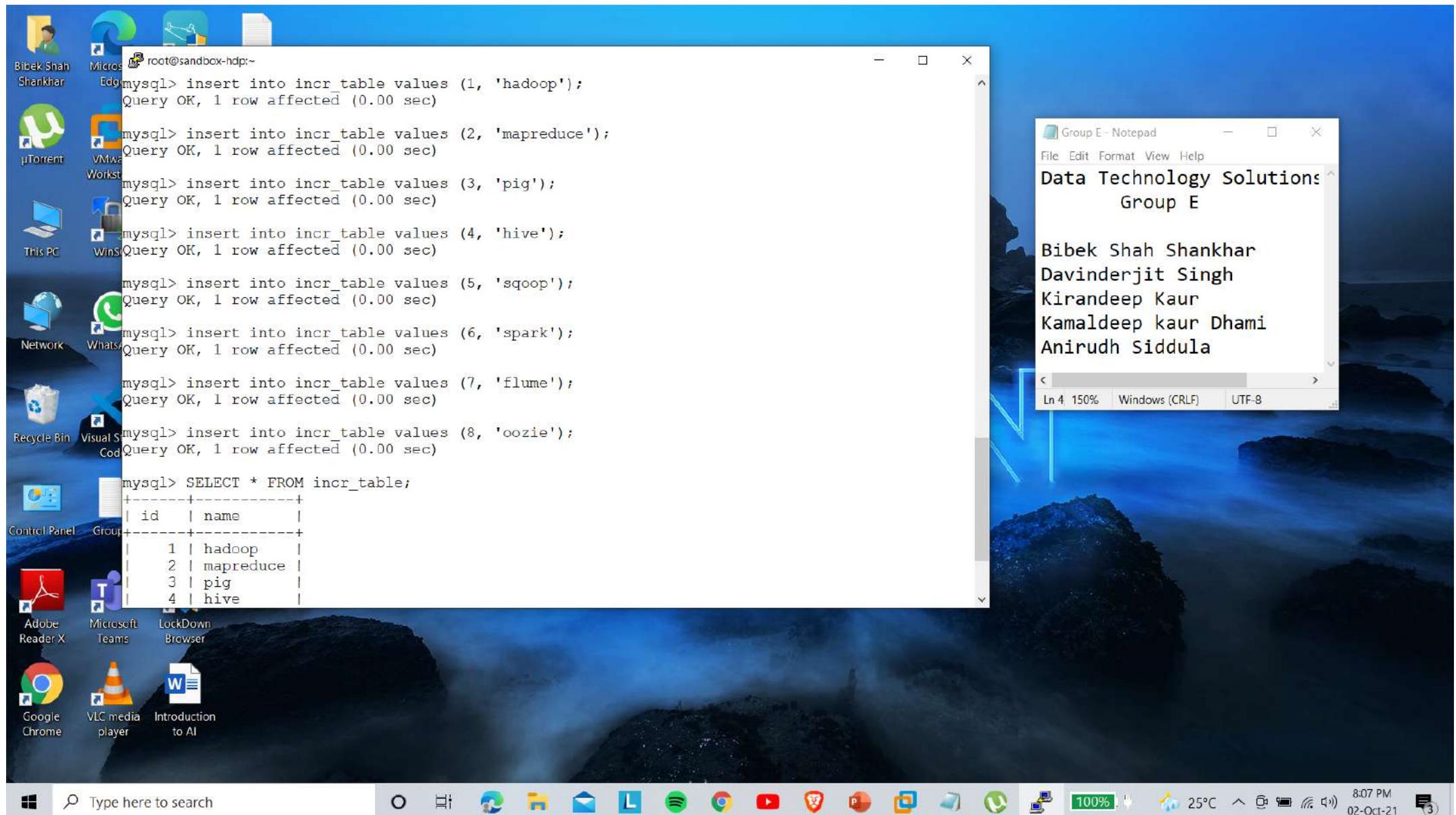
Data Technology Solutions
Group E

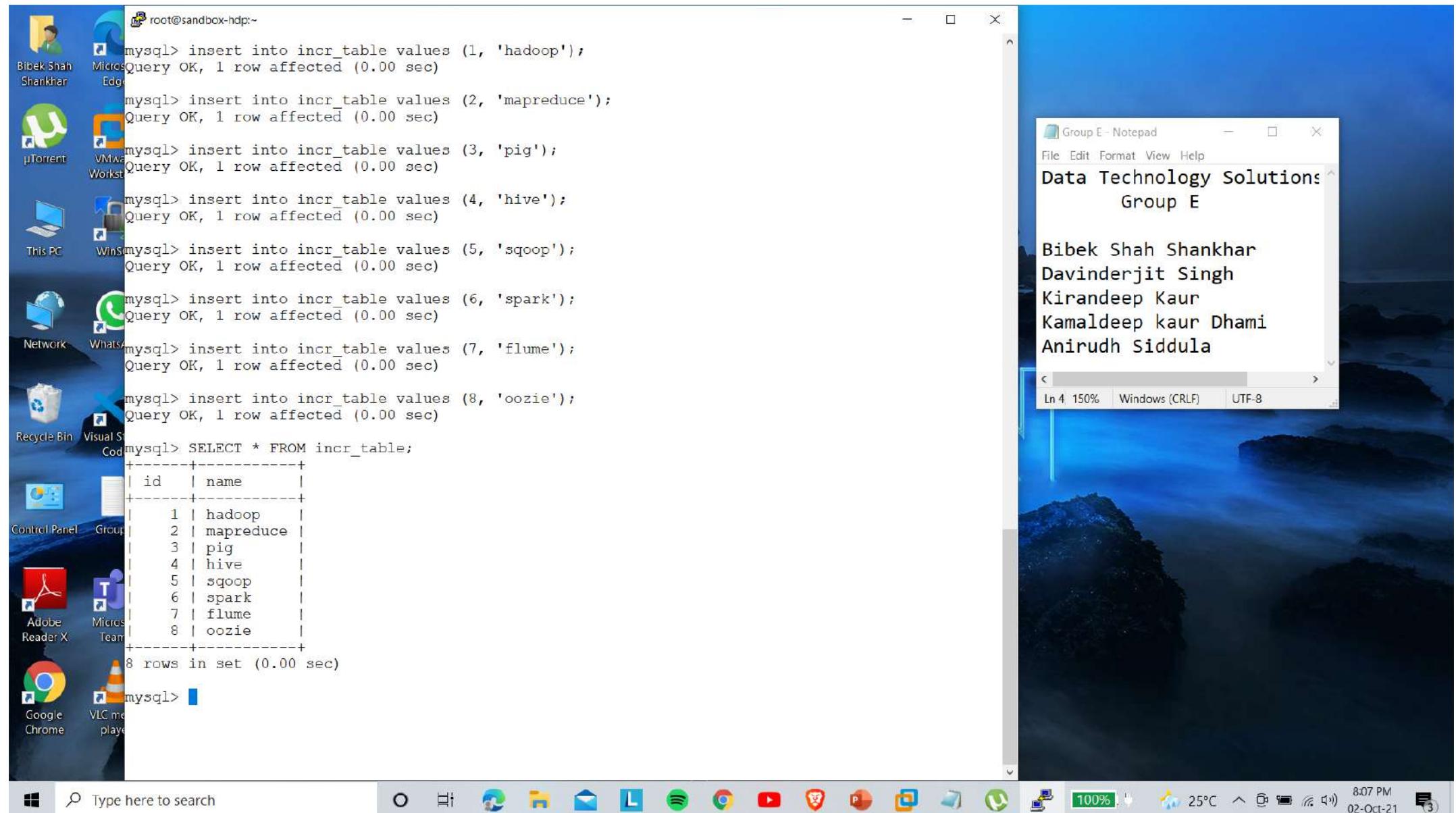
Bibek Shah Shankhar
Davinderjit Singh
Kirandeep Kaur
Kamaldeep kaur Dhami
Anirudh Siddula











root@sandbox-hdp:~

```
[root@sandbox-hdp ~]# sqoop-import --connect jdbc:mysql://sandbox-hdp.hortonworks.com/db test --username root --P --table incr_table --target-dir /user/bibek/sqoop/empl --fields-terminated-by '|'  
--delete-target-dir --table empl --split-by id;  
Warning: /usr/hdp/2.6.5.0-292/accumulo does not exist! Accumulo imports will fail.  
Please set $ACCUMULO_HOME to the root of your Accumulo installation.  
21/10/02 14:29:36 INFO sqoop.Sqoop: Running Sqoop version: 1.4.6.2.6.5.0-292  
Enter password:  
21/10/02 14:29:41 INFO manager.MySQLManager: Preparing to use a MySQL streaming resultset.  
21/10/02 14:29:41 INFO tool.CodeGenTool: Beginning code generation  
Sat Oct 02 14:29:41 UTC 2021 WARN: Establishing SSL connection without server's identity verification  
is not recommended. According to MySQL 5.5.45+, 5.6.26+ and 5.7.6+ requirements SSL connecti  
on must be established by default if explicit option isn't set. For compliance with existing appl  
ications not using SSL the verifyServerCertificate property is set to 'false'. You need either to  
explicitly disable SSL by setting useSSL=false, or set useSSL=true and provide truststore for se  
rver certificate verification.  
21/10/02 14:29:41 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM `incr_table`  
AS t LIMIT 1  
21/10/02 14:29:42 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM `incr_table`  
AS t LIMIT 1  
21/10/02 14:29:42 INFO orm.CompilationManager: HADOOP_MAPRED_HOME is /usr/hdp/2.6.5.0-292/hadoop-  
mapreduce  
Note: /tmp/sqoop-root/compile/aac84018335091078db7701c69f72ecb/incr_table.java uses or overrides  
a deprecated API.  
Note: Recompile with -Xlint:deprecation for details.  
21/10/02 14:29:42 INFO orm.CompilationManager: Writing jar file: /tmp/sqoop-root/compile/aac84018  
335091078db7701c69f72ecb/incr_table.jar  
21/10/02 14:29:43 INFO tool.ImportTool: Destination directory /user/bibek/sqoop/empl is not prese  
nt, hence not deleting.  
21/10/02 14:29:43 WARN manager.MySQLManager: It looks like you are importing from mysql.  
21/10/02 14:29:43 WARN manager.MySQLManager: This transfer can be faster! Use the --direct  
21/10/02 14:29:43 WARN manager.MySQLManager: option to exercise a MySQL-specific fast path.  
21/10/02 14:29:43 INFO manager.MySQLManager: Setting zero DATETIME behavior to convertToNull (mys  
ql)  
21/10/02 14:29:43 INFO mapreduce.ImportJobBase: Beginning import of incr_table  
21/10/02 14:29:43 INFO client.RMProxy: Connecting to ResourceManager at sandbox-hdp.hortonworks.c
```

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File Edit Format View Help

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Davinderjit Singh
Kirandeep Kaur
Kamaldeep kaur Dhami
Anirudh Siddula

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Bibek Shah
Shankhar



μTorrent



This PC



Network



Recycle Bin



Control Panel



Adobe
Reader X



Google
Chrome



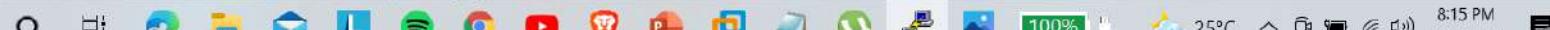
VLC media
player



Introduction
to AI

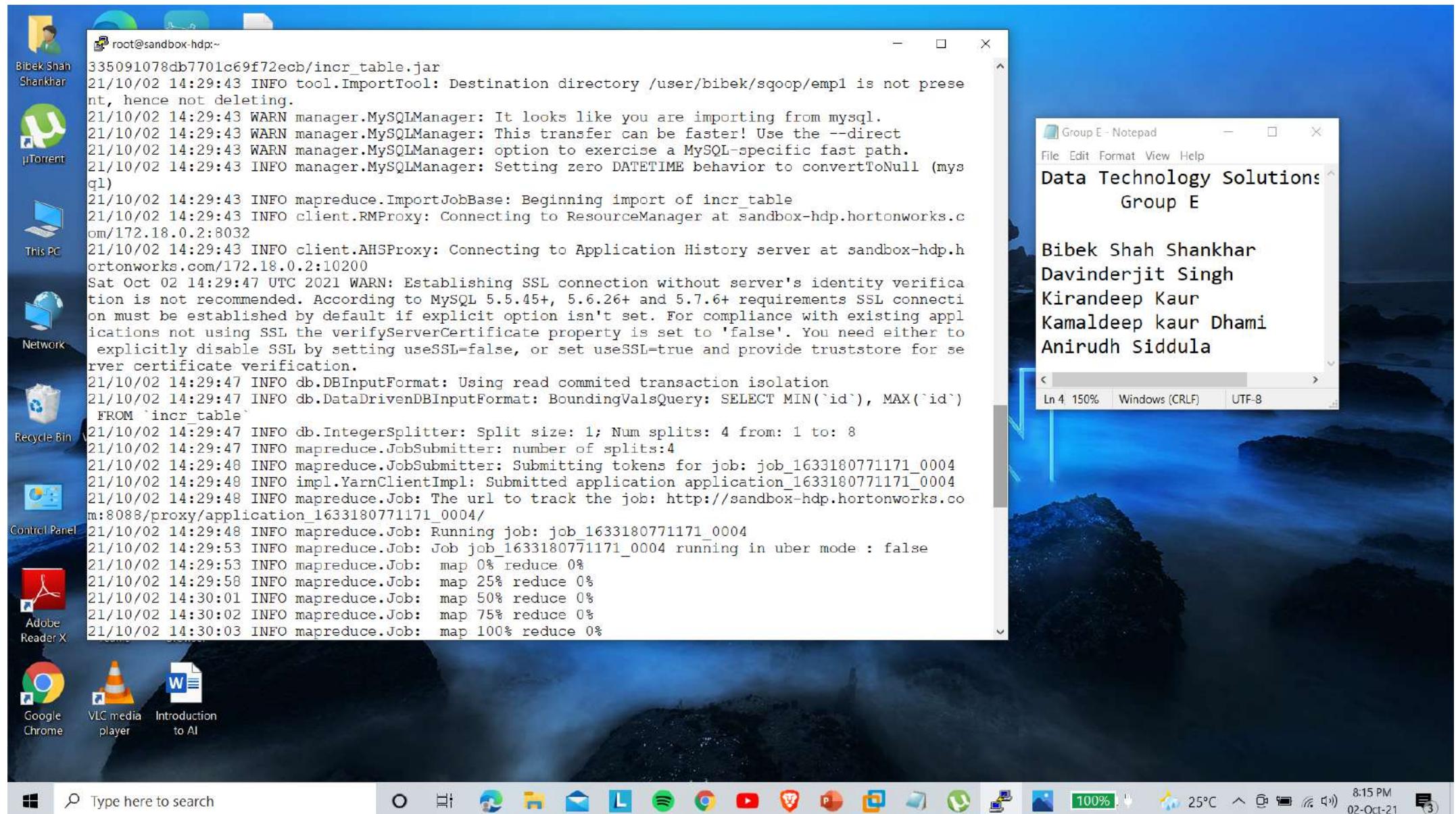


Type here to search



8:15 PM

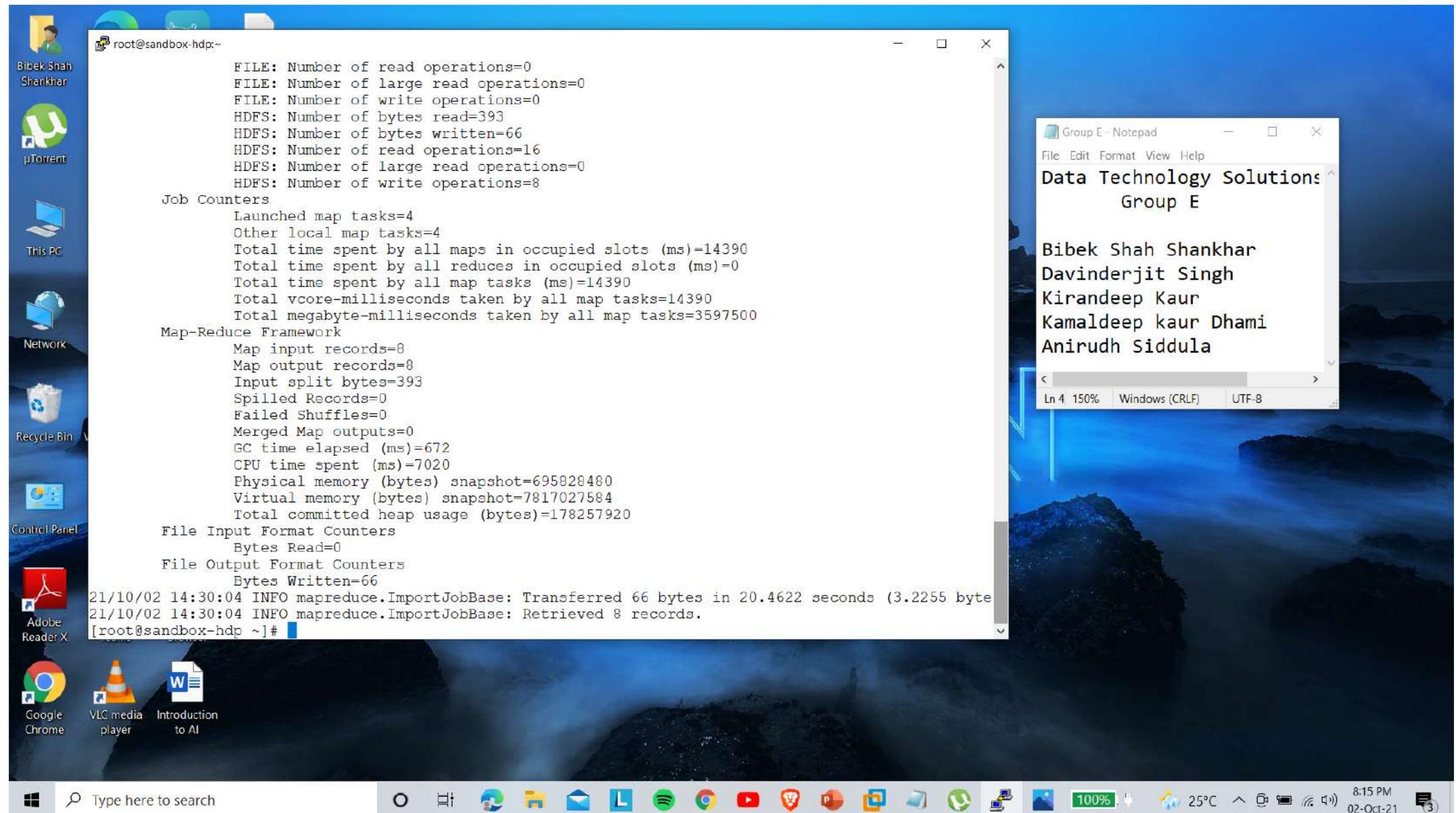
02-Oct-21



```
root@sandbox-hdp:~  
21/10/02 14:30:03 INFO mapreduce.Job: map 100% reduce 0%  
21/10/02 14:30:04 INFO mapreduce.Job: Job job_1633180771171_0004 completed successfully  
21/10/02 14:30:04 INFO mapreduce.Job: Counters: 30  
    File System Counters  
        FILE: Number of bytes read=0  
        FILE: Number of bytes written=684496  
        FILE: Number of read operations=0  
        FILE: Number of large read operations=0  
        FILE: Number of write operations=0  
        HDFS: Number of bytes read=393  
        HDFS: Number of bytes written=66  
        HDFS: Number of read operations=16  
        HDFS: Number of large read operations=0  
        HDFS: Number of write operations=8  
    Job Counters  
        Launched map tasks=4  
        Other local map tasks=4  
        Total time spent by all maps in occupied slots (ms)=14390  
        Total time spent by all reduces in occupied slots (ms)=0  
        Total time spent by all map tasks (ms)=14390  
        Total vcore-milliseconds taken by all map tasks=14390  
        Total megabyte-milliseconds taken by all map tasks=3597500  
    Map-Reduce Framework  
        Map input records=8  
        Map output records=8  
        Input split bytes=393  
        Spilled Records=0  
        Failed Shuffles=0  
        Merged Map outputs=0  
        GC time elapsed (ms)=672  
        CPU time spent (ms)=7020  
        Physical memory (bytes) snapshot=695820480  
        Virtual memory (bytes) snapshot=7817027584  
        Total committed heap usage (bytes)=178257920  
    File Input Format Counters
```

```
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File Edit Format View Help  
Data Technology Solutions  
Group E  
  
Bibek Shah Shankhar  
Davinderjit Singh  
Kirandeep Kaur  
Kamaldeep kaur Dhami  
Anirudh Siddula
```





```
[root@sandbox-hdp ~]# hdfs dfs -ls /user/bibek/sqoop/emp1
Found 5 items
-rw-r--r-- 1 root hdfs          0 2021-10-02 14:30 /user/bibek/sqoop/emp1/_SUCCESS
-rw-r--r-- 1 root hdfs         21 2021-10-02 14:29 /user/bibek/sqoop/emp1/part-m-00000
-rw-r--r-- 1 root hdfs         13 2021-10-02 14:29 /user/bibek/sqoop/emp1/part-m-00001
-rw-r--r-- 1 root hdfs         16 2021-10-02 14:30 /user/bibek/sqoop/emp1/part-m-00002
-rw-r--r-- 1 root hdfs         16 2021-10-02 14:30 /user/bibek/sqoop/emp1/part-m-00003
[root@sandbox-hdp ~]# hdfs dfs -cat /user/bibek/sqoop/emp1/part-m-00000
1|hadoop
2|mapreduce
3|pig
4|hive
[root@sandbox-hdp ~]# hdfs dfs -cat /user/bibek/sqoop/emp1/part-m-00001
5|sqoop
6|spark
[root@sandbox-hdp ~]# hdfs dfs -cat /user/bibek/sqoop/emp1/part-m-00002
7|flume
8|oozie
[root@sandbox-hdp ~]#
```

Data Technology Solutions
Group E

Bibek Shah Shankhar
Davinderjit Singh
Kirandeep Kaur
Kamaldeep kaur Dhami
Anirudh Siddula

```
Bibe+-----+
Shal row in set (0.00 sec)

mysql> insert into incr_table values ( 9, 'a');
Query OK, 1 row affected (0.00 sec)

mysql> insert into incr_table values ( 10, 'b');
Query OK, 1 row affected (0.00 sec)

mysql> insert into incr_table values ( 11, 'c');
Query OK, 1 row affected (0.00 sec)

mysql> insert into incr_table values ( 12, 'd');
Query OK, 1 row affected (0.00 sec)

mysql> SELECT * FROM incr_table;
+----+-----+
| id | name |
+----+-----+
| 1  | hadoop |
| 2  | mapreduce |
| 3  | pig |
| 4  | hive |
| 5  | sqoop |
| 6  | spark |
| 7  | flume |
| 8  | oozie |
| 9  | a |
| 10 | b |
| 11 | c |
| 12 | d |
+----+-----+
12 rows in set (0.00 sec)

Admysql>
```

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Davinderjit Singh
Kirandeep Kaur
Kamaldeep kaur Dhami
Anirudh Siddula

Ln 4 150% Windows (CRLF) UTF-8

Type here to search 8:20 PM 25°C 100% 02-Oct-21

```
[root@sandbox-hdp ~]# sqoop-import --connect jdbc:mysql://sandbox-hdp.hortonworks.com/db_test --user root --P --table incr_table --target-dir /user/bibek/sqoop/empl --fields-terminated-by ',' --table empl --split-by id --incremental append --check-column id --last-value 8;
Warning: /usr/hdp/2.6.5.0-292/accumulo does not exist! Accumulo imports will fail.
Please set $ACCUMULO_HOME to the root of your Accumulo installation.
21/10/02 14:46:25 INFO sqoop.Sqoop: Running Sqoop version: 1.4.6.2.6.5.0-292
Enter password:
21/10/02 14:46:29 INFO manager.MySQLManager: Preparing to use a MySQL streaming resultset.
21/10/02 14:46:29 INFO tool.CodeGenTool: Beginning code generation
Sat Oct 02 14:46:29 UTC 2021 WARN: Establishing SSL connection without server's identity verification is not recommended. According to MySQL 5.5.45+, 5.6.26+ and 5.7.6+ requirements SSL connection must be established by default if explicit option isn't set. For compliance with existing applications not using SSL the verifyServerCertificate property is set to 'false'. You need either to explicitly disable SSL by setting useSSL=false, or set useSSL=true and provide truststore for server certificate verification.
21/10/02 14:46:29 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM `incr_table` AS t LIMIT 1
21/10/02 14:46:30 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM `incr_table` AS t LIMIT 1
21/10/02 14:46:30 INFO orm.CompilationManager: HADOOP_MAPRED_HOME is /usr/hdp/2.6.5.0-292/hadoop-mapreduce
Note: /tmp/sqoop-root/compile/a639a8ca5eee695dad17c3632a564546/incr_table.java uses or overrides a deprecated API.
Note: Recompile with -Xlint:deprecation for details.
21/10/02 14:46:31 INFO orm.CompilationManager: Writing jar file: /tmp/sqoop-root/compile/a639a8ca5eee695dad17c3632a564546/incr_table.jar
21/10/02 14:46:31 INFO tool.ImportTool: Maximal id query for free form incremental import: SELECT MAX(`id`) FROM `incr_table`
21/10/02 14:46:31 INFO tool.ImportTool: Incremental import based on column 'id'
21/10/02 14:46:31 INFO tool.ImportTool: Lower bound value: 8
21/10/02 14:46:31 INFO tool.ImportTool: Upper bound value: 12
21/10/02 14:46:31 WARN manager.MySQLManager: It looks like you are importing from mysql.
21/10/02 14:46:31 WARN manager.MySQLManager: This transfer can be faster! Use the --direct
21/10/02 14:46:31 WARN manager.MySQLManager: option to exercise a MySQL-specific fast path.
21/10/02 14:46:31 INFO manager.MySQLManager: Setting zero DATETIME behavior to convertToNull (mysql)
21/10/02 14:46:31 INFO mapreduce.ImportJobBase: Beginning import of incr_table
21/10/02 14:46:31 INFO client.RMProxy: Connecting to ResourceManager at sandbox-hdp.hortonworks.com/172.18.0.2:8032
21/10/02 14:46:31 INFO client.AHSProxy: Connecting to Application History server at sandbox-hdp.hortonworks.com/172.18.0.2:10200
```

Group E - Notepad

Data Technology Solutions

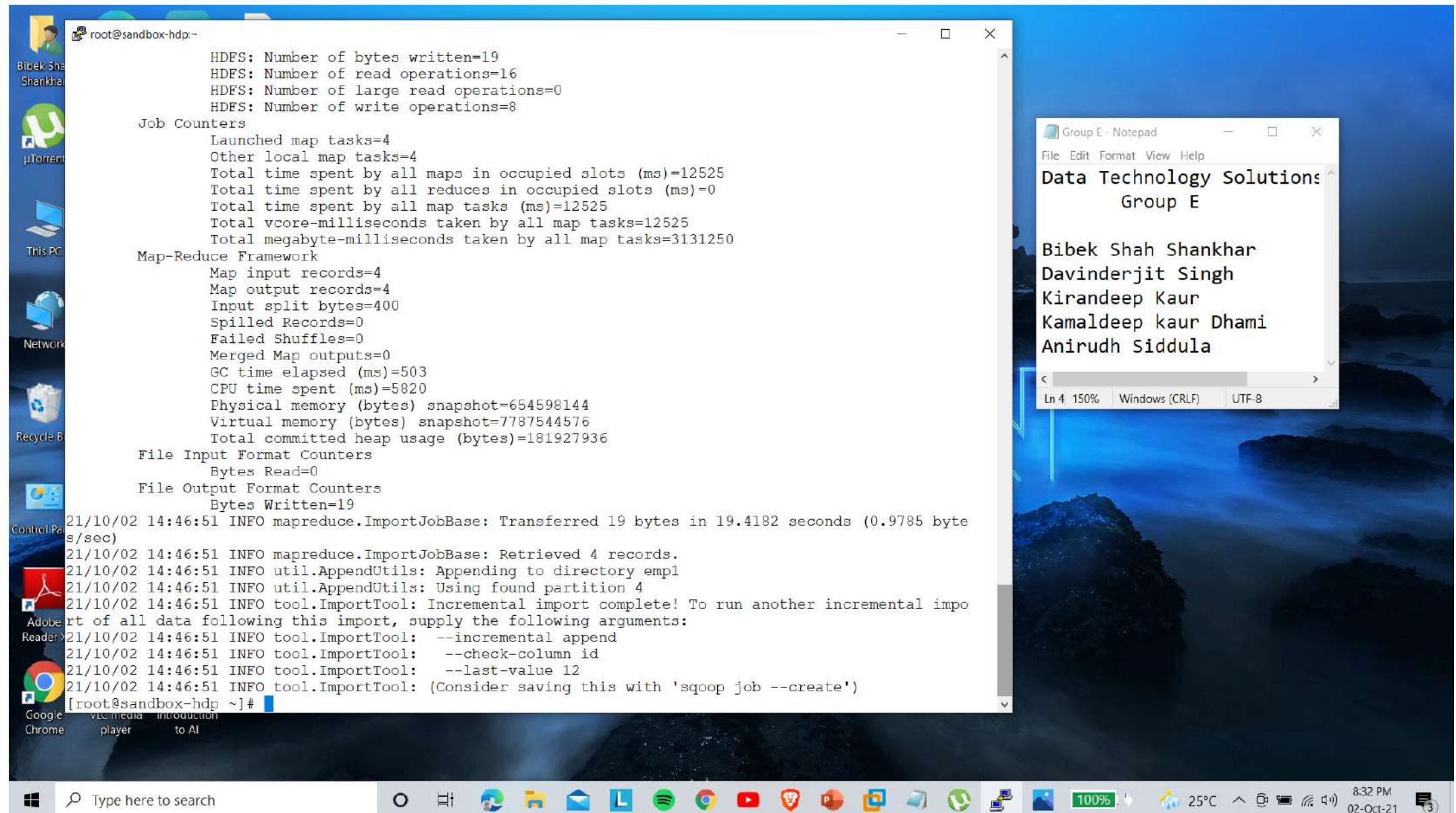
Group E

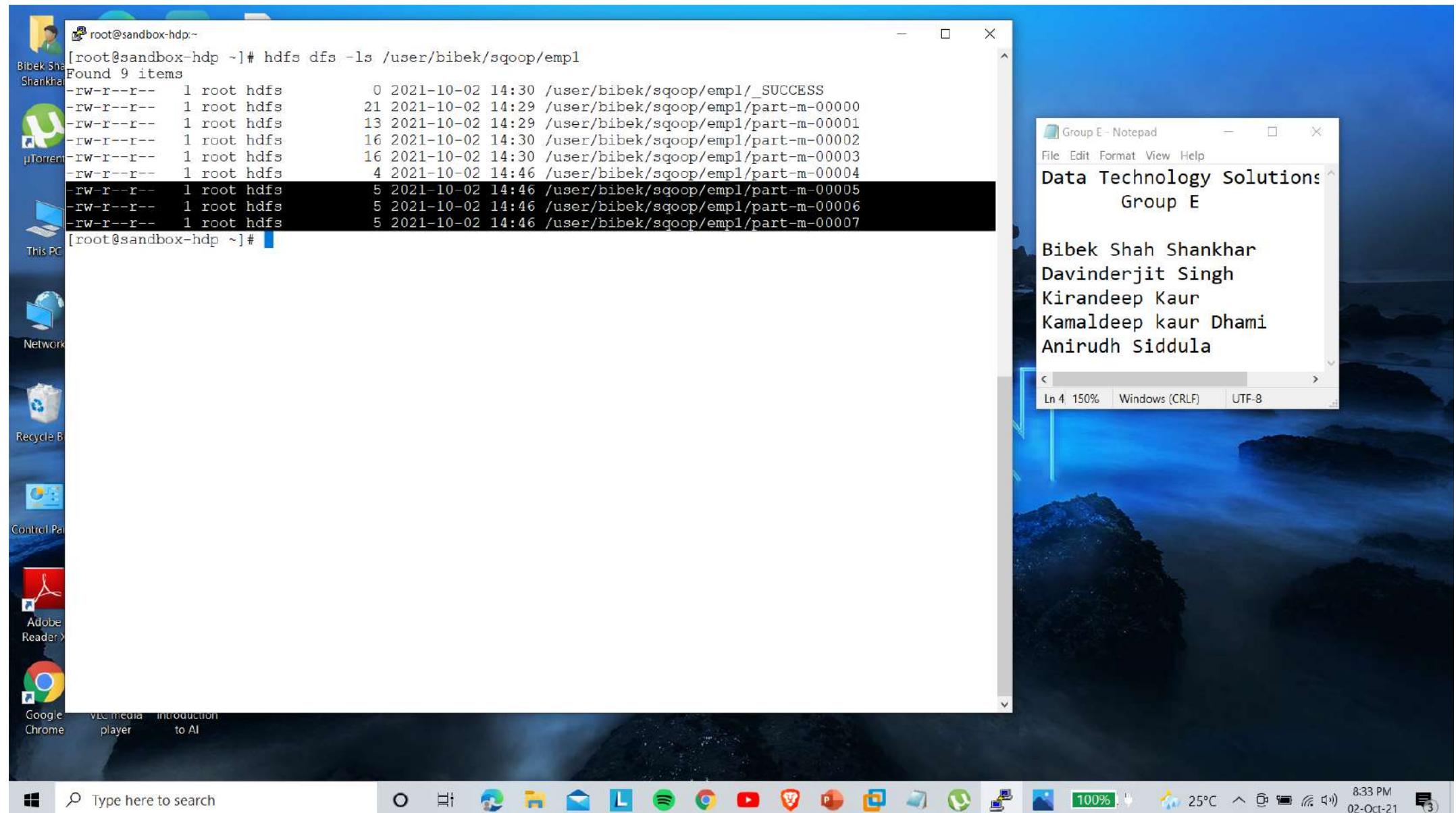
Bibek Shah Shankhar
Davinderjit Singh
Kirandeep Kaur
Kamaldeep kaur Dhami
Anirudh Siddula

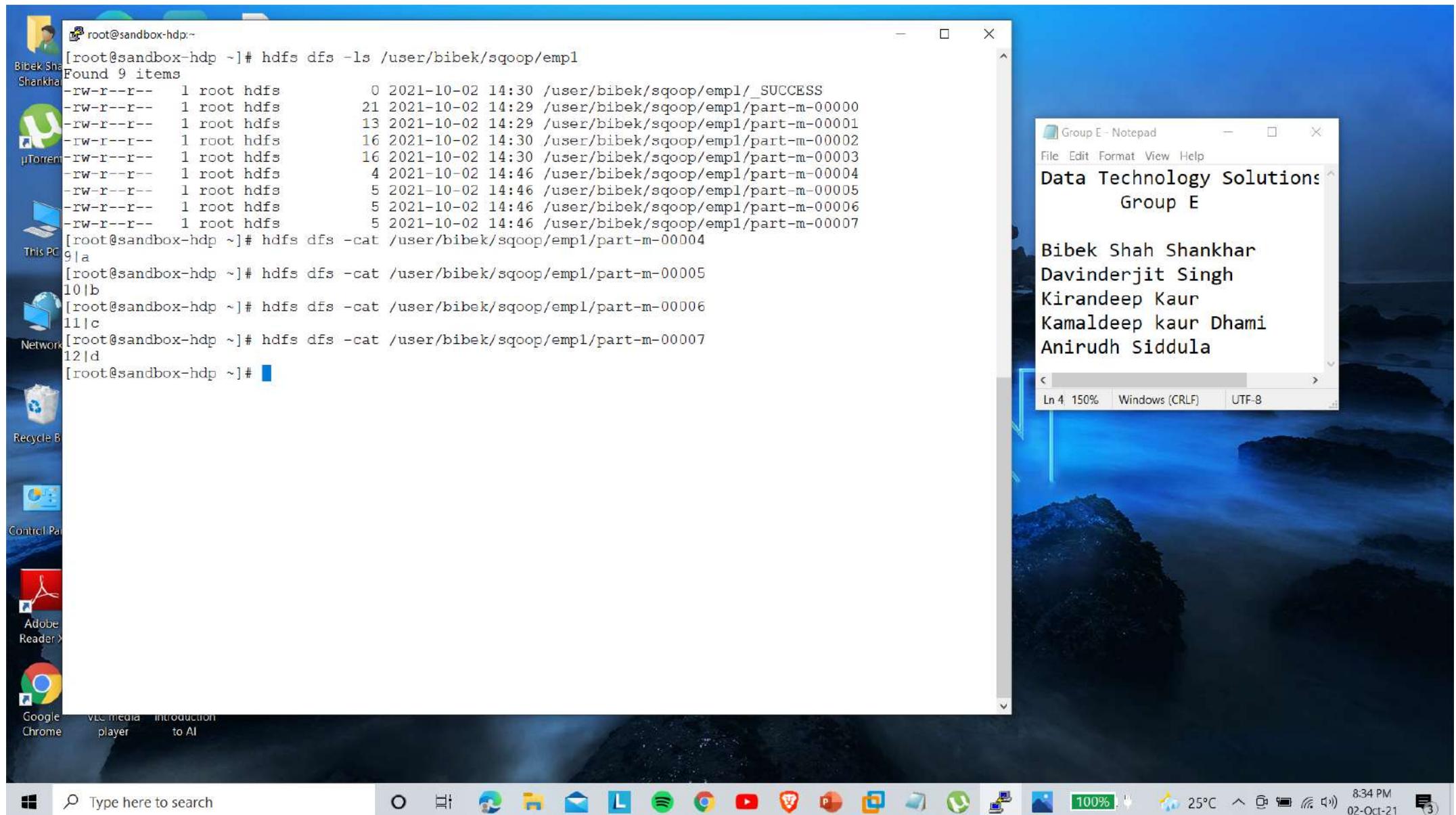
Ln 4 150% Windows (CRLF) UTF-8

Type here to search 8:32 PM 25°C 100% 02-Oct-21

```
root@sandbox-hdp:~  
Bibek Shah  
Shankhar  
μTorrent  
This PC  
Network  
Recycle Bin  
Control Panel  
Adobe Reader  
Google Chrome  
VLC media player  
Introduction to AI  
21/10/02 14:46:31 INFO client.RMProxy: Connecting to ResourceManager at sandbox-hdp.hortonworks.com/172.18.0.2:8032  
21/10/02 14:46:31 INFO client.AHSProxy: Connecting to Application History server at sandbox-hdp.hortonworks.com/172.18.0.2:10200  
Sat Oct 02 14:46:36 UTC 2021 WARN: Establishing SSL connection without server's identity verification is not recommended. According to MySQL 5.5.45+, 5.6.26+ and 5.7.6+ requirements SSL connection must be established by default if explicit option isn't set. For compliance with existing applications not using SSL the verifyServerCertificate property is set to 'false'. You need either to explicitly disable SSL by setting useSSL=false, or set useSSL=true and provide truststore for server certificate verification.  
21/10/02 14:46:36 INFO db.DBInputFormat: Using read committed transaction isolation  
21/10/02 14:46:36 INFO db.DataDrivenDBInputFormat: BoundingValsQuery: SELECT MIN(`id`), MAX(`id`) FROM `incr_table` WHERE (`id` > 8 AND `id` <= 12 )  
21/10/02 14:46:36 INFO db.IntegerSplitter: Split size: 0; Num splits: 4 from: 9 to: 12  
21/10/02 14:46:37 INFO mapreduce.JobSubmitter: number of splits:4  
21/10/02 14:46:37 INFO mapreduce.JobSubmitter: Submitting tokens for job: job_1633180771171_0005  
21/10/02 14:46:37 INFO impl.YarnClientImpl: Submitted application application_1633180771171_0005  
21/10/02 14:46:38 INFO mapreduce.Job: The url to track the job: http://sandbox-hdp.hortonworks.com:8088/proxy/application_1633180771171_0005/  
21/10/02 14:46:38 INFO mapreduce.Job: Running job: job_1633180771171_0005  
21/10/02 14:46:43 INFO mapreduce.Job: Job job_1633180771171_0005 running in uber mode : false  
21/10/02 14:46:43 INFO mapreduce.Job: map 0% reduce 0%  
21/10/02 14:46:48 INFO mapreduce.Job: map 25% reduce 0%  
21/10/02 14:46:49 INFO mapreduce.Job: map 50% reduce 0%  
21/10/02 14:46:50 INFO mapreduce.Job: map 75% reduce 0%  
21/10/02 14:46:51 INFO mapreduce.Job: map 100% reduce 0%  
21/10/02 14:46:51 INFO mapreduce.Job: Job job_1633180771171_0005 completed successfully  
21/10/02 14:46:51 INFO mapreduce.Job: Counters: 30  
File System Counters  
FILE: Number of bytes read=0  
FILE: Number of bytes written=685332  
FILE: Number of read operations=0  
FILE: Number of large read operations=0  
FILE: Number of write operations=0  
HDFS: Number of bytes read=400  
HDFS: Number of bytes written=19  
HDFS: Number of read operations=16  
HDFS: Number of large read operations=0  
HDFS: Number of write operations=8  
Job Counters  
VLC media player to AI  
Type here to search 832 PM 02-Oct-21
```







```
root@sandbox-hdp:~  
Bibek Sh  
ShankhaDatabase changed  
mysql> SELECT * FROM incr_table;  
+----+-----+  
| id | name |  
+----+-----+  
| 1  | hadoop |  
| 2  | mapreduce |  
| 3  | pig |  
| 4  | hive |  
| 5  | sqoop |  
| 6  | spark |  
| 7  | flume |  
| 8  | oozie |  
| 9  | a |  
| 10 | b |  
| 11 | c |  
| 12 | d |  
+----+-----+  
12 rows in set (0.00 sec)  
  
mysql> select max(id) from incr_table;  
+----+  
| max(id) |  
+----+  
| 12 |  
+----+  
1 row in set (0.00 sec)  
  
mysql> update incr_table set name='b1' where id=10;  
Query OK, 1 row affected (0.01 sec)  
Rows matched: 1  Changed: 1  Warnings: 0  
  
mysql> SELECT * FROM incr_table;  
+----+-----+  
| id | name |  
+----+-----+  
| 1  | hadoop |  
| 2  | mapreduce |  
| 3  | pig |  
+----+-----+  
player to AI
```

Group E - Notepad

Data Technology Solutions

Group E

Bibek Shah Shankha
Davinderjit Singh
Kirandeep Kaur
Kamaldeep kaur Dhami
Anirudh Siddula

Ln 4 150% Windows (CRLF) UTF-8

8:39 PM 25°C 100% 02-Oct-21

```
root@sandbox-hdp:~| Bibek Sh
Shankha| 8 | oozie | |
| 9 | a | |
| 10 | b | |
| 11 | c | |
| 12 | d | |
+-----+
12 rows in set (0.00 sec)

mysql> select max(id) from incr_table;
+-----+
| max(id) |
+-----+
| 12 |
+-----+
1 row in set (0.00 sec)

mysql> update incr_table set name='b1' where id=10;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> SELECT * FROM incr_table;
+-----+
| id | name |
+-----+
| 1 | hadoop |
| 2 | mapreduce |
| 3 | pig |
| 4 | hive |
| 5 | sqoop |
| 6 | spark |
| 7 | flume |
| 8 | oozie |
| 9 | a |
| 10 | b1 |
| 11 | c |
| 12 | d |
+-----+
12 rows in set (0.01 sec)

mysql>
```

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```
[root@sandbox-hdp ~]# sqoop-import --connect jdbc:mysql://sandbox-hdp.hortonworks.com/db_test --username root --password BibekShahShankha --table incr_table --target-dir /user/bibek/sqoop/empl --fields-terminated-by ',' --table emp1 --split-by id --incremental append --check-column id --last-value 8;
Warning: /usr/hdp/2.6.5.0-292/accumulo does not exist! Accumulo imports will fail.
Please set $ACCUMULO_HOME to the root of your Accumulo installation.
21/10/02 14:58:19 INFO sqoop.Sqoop: Running Sqoop version: 1.4.6.2.6.5.0-292
Enter password:
21/10/02 14:58:25 INFO manager.MySQLManager: Preparing to use a MySQL streaming resultset.
21/10/02 14:58:25 INFO tool.CodeGenTool: Beginning code generation
Sat Oct 02 14:58:25 UTC 2021 WARN: Establishing SSL connection without server's identity verification is not recommended. According to MySQL 5.5.45+, 5.6.26+ and 5.7.6+ requirements SSL connection must be established by default if explicit option isn't set. For compliance with existing applications not using SSL the verifyServerCertificate property is set to 'false'. You need either to explicitly disable SSL by setting useSSL=false, or set useSSL=true and provide truststore for server certificate verification.
21/10/02 14:58:25 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM `incr_table` AS t LIMIT 1
21/10/02 14:58:25 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM `incr_table` AS t LIMIT 1
21/10/02 14:58:26 INFO orm.CompilationManager: HADOOP_MAPRED_HOME is /usr/hdp/2.6.5.0-292/hadoop-mapred
Note: /tmp/sqoop-root/compile/9c040ac97clac5c3985f8be0033a70af/incr_table.java uses or overrides a deprecated API.
Note: Recompile with -Xlint:deprecation for details.
21/10/02 14:58:27 INFO orm.CompilationManager: Writing jar file: /tmp/sqoop-root/compile/9c040ac97clac5c3985f8be0033a70af/incr_table.jar
21/10/02 14:58:27 INFO tool.ImportTool: Maximal id query for free form incremental import: SELECT MAX(`id`) FROM `incr_table`
21/10/02 14:58:27 INFO tool.ImportTool: Incremental import based on column 'id'
21/10/02 14:58:27 INFO tool.ImportTool: Lower bound value: 8
21/10/02 14:58:27 INFO tool.ImportTool: Upper bound value: 12
21/10/02 14:58:27 WARN manager.MySQLManager: It looks like you are importing from mysql.
21/10/02 14:58:27 WARN manager.MySQLManager: This transfer can be faster! Use the --direct
21/10/02 14:58:27 WARN manager.MySQLManager: option to exercise a MySQL-specific fast path.
21/10/02 14:58:27 INFO manager.MySQLManager: Setting zero DATETIME behavior to convertToNull (mysql)
21/10/02 14:58:27 INFO mapreduce.ImportJobBase: Beginning import of incr_table
21/10/02 14:58:27 INFO client.RMProxy: Connecting to ResourceManager at sandbox-hdp.hortonworks.com/172.18.0.2:8032
21/10/02 14:58:28 INFO client.AHSProxy: Connecting to Application History server at sandbox-hdp.hortonworks.com/172.18.0.2:10200
Sat Oct 02 14:58:32 UTC 2021 WARN: Establishing SSL connection without server's identity verification is not recommended. According to MySQL 5.5.45+, 5.6.26+ and 5.7.6+ requirements SSL connection must be established by default if explicit option isn't set. For compliance with existing applications not using SSL the verifyServerCertificate property is set to 'false'. You need either to explicitly disable SSL by setting useSSL=false, or set useSSL=true and provide truststore for server certificate verification.
```

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The image shows a Windows desktop environment with a terminal window and a Notepad window open.

Terminal Window (root@sandbox-hdp:~)

```
Note: /tmp/sqoop-root/compile/9c040ac97c1ac5c3985f8be0033a70af/incr_table.java uses or overrides a deprecated API.  
Note: Recompile with -Xlint:deprecation for details.  
21/10/02 14:58:27 INFO orm.CompilationManager: Writing jar file: /tmp/sqoop-root/compile/9c040ac97c1ac5c3985f8be0033a70af/incr_table.jar  
21/10/02 14:58:27 INFO tool.ImportTool: Maximal id query for free form incremental import: SELECT MAX(`id`) FROM `incr_table`  
21/10/02 14:58:27 INFO tool.ImportTool: Incremental import based on column `id`  
21/10/02 14:58:27 INFO tool.ImportTool: Lower bound value: 8  
21/10/02 14:58:27 INFO tool.ImportTool: Upper bound value: 12  
21/10/02 14:58:27 WARN manager.MySQLManager: It looks like you are importing from mysql.  
21/10/02 14:58:27 WARN manager.MySQLManager: This transfer can be faster! Use the --direct  
21/10/02 14:58:27 WARN manager.MySQLManager: option to exercise a MySQL-specific fast path.  
21/10/02 14:58:27 INFO manager.MySQLManager: Setting zero DATETIME behavior to convertToNull (mysql)  
21/10/02 14:58:27 INFO mapreduce.ImportJobBase: Beginning import of incr_table  
21/10/02 14:58:27 INFO client.RMProxy: Connecting to ResourceManager at sandbox-hdp.hortonworks.com/172.18.0.2:8032  
21/10/02 14:58:28 INFO client.AHSProxy: Connecting to Application History server at sandbox-hdp.hortonworks.com/172.18.0.2:10200  
Sat Oct 02 14:58:32 UTC 2021 WARN: Establishing SSL connection without server's identity verification is not recommended. According to MySQL 5.5.45+, 5.6.26+ and 5.7.6+ requirements SSL connection must be established by default if explicit option isn't set. For compliance with existing applications not using SSL the verifyServerCertificate property is set to 'false'. You need either to explicitly disable SSL by setting useSSL=false, or set useSSL=true and provide truststore for server certificate verification.  
21/10/02 14:58:32 INFO db.DBInputFormat: Using read committed transaction isolation  
21/10/02 14:58:32 INFO db.DataDrivenDBInputFormat: BoundingValsQuery: SELECT MIN(`id`), MAX(`id`) FROM `incr_table` WHERE ( `id` > 8 AND `id` <= 12 )  
21/10/02 14:58:32 INFO db.IntegerSplitter: Split size: 0; Num splits: 4 from: 9 to: 12  
21/10/02 14:58:32 INFO mapreduce.JobSubmitter: number of splits:4  
21/10/02 14:58:32 INFO mapreduce.JobSubmitter: Submitting tokens for job: job_1633180771171_0006  
21/10/02 14:58:32 INFO impl.YarnClientImpl: Submitted application application_1633180771171_0006  
21/10/02 14:58:32 INFO mapreduce.Job: The url to track the job: http://sandbox-hdp.hortonworks.com:8088/proxy/application_1633180771171_0006/  
21/10/02 14:58:32 INFO mapreduce.Job: Running job: job_1633180771171_0006  
21/10/02 14:58:38 INFO mapreduce.Job: Job job_1633180771171_0006 running in uber mode : false  
21/10/02 14:58:38 INFO mapreduce.Job: map 0% reduce 0%  
21/10/02 14:58:44 INFO mapreduce.Job: map 50% reduce 0%  
21/10/02 14:58:46 INFO mapreduce.Job: map 75% reduce 0%  
21/10/02 14:58:47 INFO mapreduce.Job: map 100% reduce 0%  
21/10/02 14:58:48 INFO mapreduce.Job: Job job_1633180771171_0006 completed successfully
```

Notepad Window (Group E - Notepad)

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System tray icons include: Search, Task View, Start button, File Explorer, Mail, Spotify, Google Chrome, VLC media player, and others.

```
root@sandbox-hdp:~  
21/10/02 14:58:48 INFO mapreduce.Job: Counters: 30  
    File System Counters  
        FILE: Number of bytes read=0  
        FILE: Number of bytes written=685332  
        FILE: Number of read operations=0  
        FILE: Number of large read operations=0  
        FILE: Number of write operations=0  
        HDFS: Number of bytes read=400  
        HDFS: Number of bytes written=20  
        HDFS: Number of read operations=16  
        HDFS: Number of large read operations=0  
        HDFS: Number of write operations=8  
    Job Counters  
        Launched map tasks=4  
        Other local map tasks=4  
        Total time spent by all maps in occupied slots (ms)=14253  
        Total time spent by all reduces in occupied slots (ms)=0  
        Total time spent by all map tasks (ms)=14253  
        Total vcore-milliseconds taken by all map tasks=14253  
        Total megabyte-milliseconds taken by all map tasks=3563250  
    Map-Reduce Framework  
        Map input records=4  
        Map output records=4  
        Input split bytes=400  
        Spilled Records=0  
        Failed Shuffles=0  
        Merged Map outputs=0  
        GC time elapsed (ms)=609  
        CPU time spent (ms)=6210  
        Physical memory (bytes) snapshot=673058816  
        Virtual memory (bytes) snapshot=7803068416  
        Total committed heap usage (bytes)=181403648  
    File Input Format Counters  
        Bytes Read=0  
    File Output Format Counters  
        Bytes Written=20  
21/10/02 14:58:48 INFO mapreduce.ImportJobBase: Transferred 20 bytes in 20.383 seconds (0.9812 bytes/sec)  
c)  
21/10/02 14:58:48 INFO mapreduce.ImportJobBase: Retrieved 4 records.  
21/10/02 14:58:48 INFO util.AppendUtils: Appending to directory empl
```

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```
root@sandbox-hdp:~# HDFS: Number of bytes written=20
HDFS: Number of read operations=16
HDFS: Number of large read operations=0
HDFS: Number of write operations=8
Job Counters
    Launched map tasks=4
    Other local map tasks=4
    Total time spent by all maps in occupied slots (ms)=14253
    Total time spent by all reduces in occupied slots (ms)=0
    Total time spent by all map tasks (ms)=14253
    Total vcore-milliseconds taken by all map tasks=14253
    Total megabyte-milliseconds taken by all map tasks=3563250
Map-Reduce Framework
    Map input records=4
    Map output records=4
    Input split bytes=400
    Spilled Records=0
    Failed Shuffles=0
    Merged Map outputs=0
    GC time elapsed (ms)=609
    CPU time spent (ms)=6210
    Physical memory (bytes) snapshot=673058816
    Virtual memory (bytes) snapshot=7803068416
    Total committed heap usage (bytes)=181403648
File Input Format Counters
    Bytes Read=0
File Output Format Counters
    Bytes Written=20
21/10/02 14:58:48 INFO mapreduce.ImportJobBase: Transferred 20 bytes in 20.383 seconds (0.9812 bytes/sec)
21/10/02 14:58:48 INFO mapreduce.ImportJobBase: Retrieved 4 records.
21/10/02 14:58:48 INFO util.AppendUtils: Appending to directory empl
21/10/02 14:58:48 INFO util.AppendUtils: Using found partition 8
21/10/02 14:58:48 INFO tool.ImportTool: Incremental import complete! To run another incremental import of all data following this import, supply the following arguments:
21/10/02 14:58:48 INFO tool.ImportTool: --incremental append
21/10/02 14:58:48 INFO tool.ImportTool: --check-column id
21/10/02 14:58:48 INFO tool.ImportTool: --last-value 12
21/10/02 14:58:48 INFO tool.ImportTool: (Consider saving this with 'sqoop job --create')
[root@sandbox-hdp ~]#
```

Group E - Notepad

File Edit Format View Help

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BibekSh [root@sandbox-hdp ~]# hdfs dfs -ls /user/bibek/sqoop/empl
Shankha Found 13 items
-rw-r--r-- 1 root hdfs 0 2021-10-02 14:30 /user/bibek/sqoop/empl/_SUCCESS
-rw-r--r-- 1 root hdfs 21 2021-10-02 14:29 /user/bibek/sqoop/empl/part-m-00000
-rw-r--r-- 1 root hdfs 13 2021-10-02 14:29 /user/bibek/sqoop/empl/part-m-00001
-rw-r--r-- 1 root hdfs 16 2021-10-02 14:30 /user/bibek/sqoop/empl/part-m-00002
-rw-r--r-- 1 root hdfs 16 2021-10-02 14:30 /user/bibek/sqoop/empl/part-m-00003
-rw-r--r-- 1 root hdfs 4 2021-10-02 14:46 /user/bibek/sqoop/empl/part-m-00004
-rw-r--r-- 1 root hdfs 5 2021-10-02 14:46 /user/bibek/sqoop/empl/part-m-00005
-rw-r--r-- 1 root hdfs 5 2021-10-02 14:46 /user/bibek/sqoop/empl/part-m-00006
-rw-r--r-- 1 root hdfs 5 2021-10-02 14:46 /user/bibek/sqoop/empl/part-m-00007
-rw-r--r-- 1 root hdfs 4 2021-10-02 14:58 /user/bibek/sqoop/empl/part-m-00008
-rw-r--r-- 1 root hdfs 6 2021-10-02 14:58 /user/bibek/sqoop/empl/part-m-00009
-rw-r--r-- 1 root hdfs 5 2021-10-02 14:58 /user/bibek/sqoop/empl/part-m-00010
-rw-r--r-- 1 root hdfs 5 2021-10-02 14:58 /user/bibek/sqoop/empl/part-m-00011
[root@sandbox-hdp ~]# hdfs dfs -cat /user/bibek/sqoop/empl/00000
cat: `/user/bibek/sqoop/empl/00000': No such file or directory
[root@sandbox-hdp ~]# hdfs dfs -cat /user/bibek/sqoop/empl/part-m-00000
1|hadoop
2|mapreduce
[root@sandbox-hdp ~]# hdfs dfs -cat /user/bibek/sqoop/empl/part-m-00009
10|bl
[root@sandbox-hdp ~]#

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Kamaldeep kaur Dhami

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```
root@sandbox-hdp:~  
Bibek's  
Shankh  
μTome  
This P  
Network  
Recycle  
Control P  
Adobe Reader  
Google Chrome  
Type here to search 8:48 PM 02-Oct-21 25°C 100%  
mysql> show databases;  
+-----+  
| Database |  
+-----+  
| information_schema |  
| db_test |  
| druid |  
| hive |  
| mysql |  
| performance_schema |  
| ranger |  
| superset |  
| sys |  
+-----+  
9 rows in set (0.01 sec)  
  
mysql> use hive;  
Reading table information for completion of table and column names  
You can turn off this feature to get a quicker startup with -A  
  
Database changed  
mysql> show tables;  
+-----+  
| Tables_in_hive |  
+-----+  
| AUX_TABLE |  
| BUCKETING_COLS |  
| CDS |  
| COLUMNS_V2 |  
| COMPACTION_QUEUE |  
| COMPLETED_COMPACTIONS |  
| COMPLETED_TXN_COMPONENTS |  
| DATABASE_PARAMS |  
| DBS |  
| DB_PRIVS |  
| DELEGATION_TOKENS |  
| FUNCS |  
| FUNC_RU |  
| GLOBAL_PRIVS |  
| HIVE_LOCKS |  
+-----+  
VLC media player to AI
```

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```
File
| root@sandbox-hdp:-
| NEXT_TXN_ID
| NOTIFICATION_LOG
| NOTIFICATION_SEQUENCE
| NUCLEUS_TABLES
| PARTITIONS
| PARTITION_EVENTS
| PARTITION_KEYS
| PARTITION_KEY_VALS
| PARTITION_PARAMS
| PART_COL_PRIVS
| PART_COL_STATS
| PART_PRIVS
| ROLES
| ROLE_MAP
| SDS
| SD_PARAMS
| SEQUENCE_TABLE
| SERDES
| SERDE_PARAMS
| SKEWED_COL_NAMES
| SKEWED_COL_VALUE_LOC_MAP
| SKEWED_STRING_LIST
| SKEWED_STRING_LIST_VALUES
| SKEWED_VALUES
| SORT_COLS
| TABLE_PARAMS
| TAB_COL_STATS
| TBLS
| TBL_COL_PRIVS
| TBL_PRIVS
| TXNS
| TXN_COMPONENTS
| TYPES
| TYPE_FIELDS
| VERSION
| WRITE_SET
+-----+
57 rows in set (0.00 sec)

mysql> 
```

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