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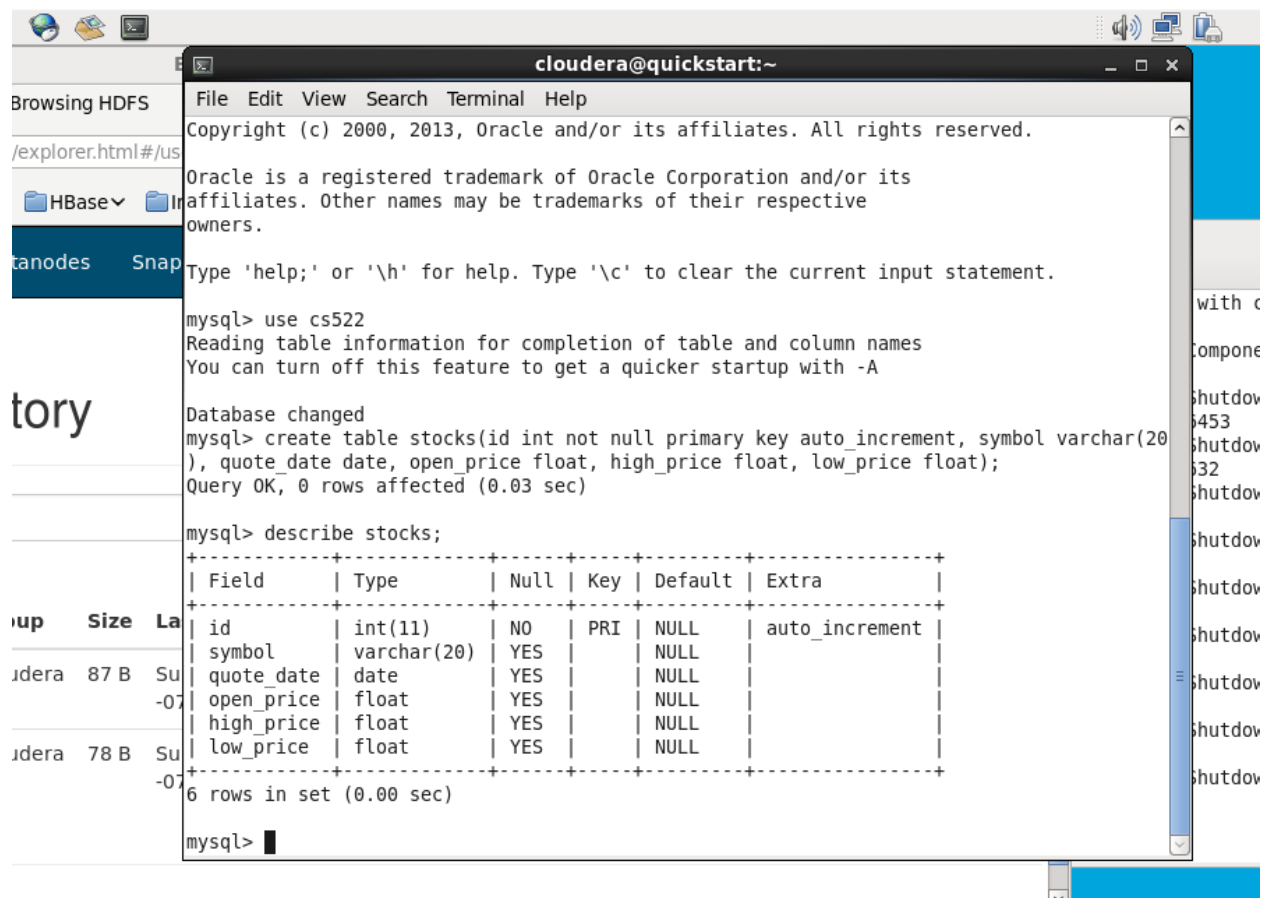
MySql part.

mysql -uroot -p

use cs522;

create table stocks(id int not null primary key auto_increment, symbol varchar(20), quote_date date, open_price float, high_price float, low_price float);

describe stocks;



The screenshot shows a terminal window titled 'cloudera@quickstart:~'. The terminal displays the following commands and output:

```
mysql> use cs522
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> create table stocks(id int not null primary key auto_increment, symbol varchar(20), quote_date date, open_price float, high_price float, low_price float);
Query OK, 0 rows affected (0.03 sec)

mysql> describe stocks;
```

Field	Type	Null	Key	Default	Extra
id	int(11)	NO	PRI	NULL	auto_increment
symbol	varchar(20)	YES		NULL	
quote_date	date	YES		NULL	
open_price	float	YES		NULL	
high_price	float	YES		NULL	
low_price	float	YES		NULL	

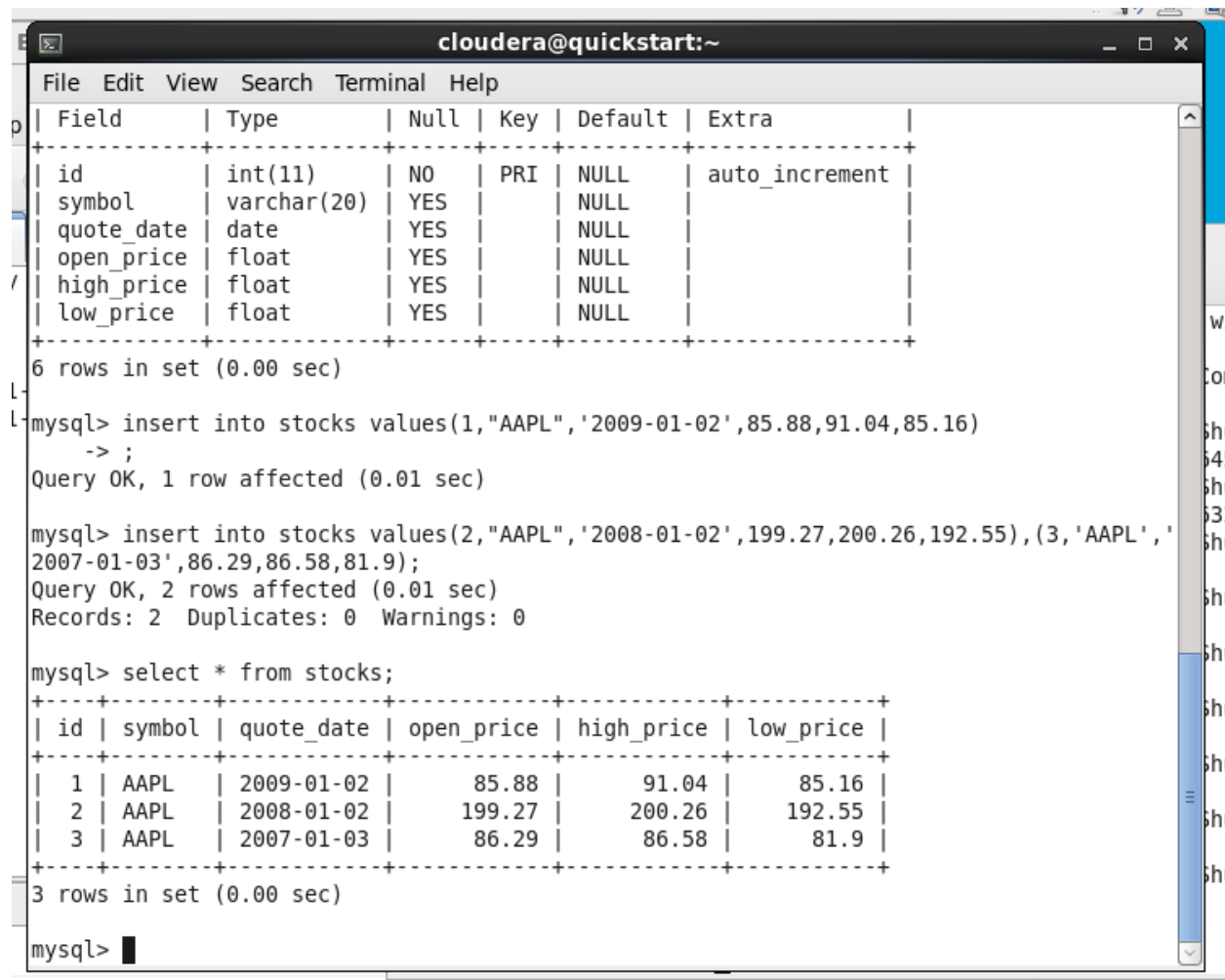
```
6 rows in set (0.00 sec)

mysql>
```

insert into stocks values(1,"AAPL",'2009-01-02',85.88,91.04,85.16);

insert into stocks values(2,"AAPL",'2008-01-02',199.27,200.26,192.55),(3,'AAPL','2007-01-03',86.29,86.58,81.9);

describe stocks;



The screenshot shows a terminal window titled 'cloudera@quickstart:~'. The terminal displays the following MySQL commands and their outputs:

```
mysql> describe stocks;
```

Field	Type	Null	Key	Default	Extra
id	int(11)	NO	PRI	NULL	auto_increment
symbol	varchar(20)	YES		NULL	
quote_date	date	YES		NULL	
open_price	float	YES		NULL	
high_price	float	YES		NULL	
low_price	float	YES		NULL	

```
6 rows in set (0.00 sec)

mysql> insert into stocks values(1,"AAPL",'2009-01-02',85.88,91.04,85.16)
-> ;
Query OK, 1 row affected (0.01 sec)

mysql> insert into stocks values(2,"AAPL",'2008-01-02',199.27,200.26,192.55),(3,'AAPL','2007-01-03',86.29,86.58,81.9);
Query OK, 2 rows affected (0.01 sec)
Records: 2 Duplicates: 0 Warnings: 0

mysql> select * from stocks;
```

id	symbol	quote_date	open_price	high_price	low_price
1	AAPL	2009-01-02	85.88	91.04	85.16
2	AAPL	2008-01-02	199.27	200.26	192.55
3	AAPL	2007-01-03	86.29	86.58	81.9

```
3 rows in set (0.00 sec)

mysql>
```

exit; //We're leaving mysql.

Linux terminal view.

```
sqoop import --connect jdbc:mysql://quickstart.cloudera/cs522 --username root --password cloudera --table stocks --columns id,symbol,open_price --target-dir=/user/cloudera/sqoopStocksImportOutput
```

```
cloudera@quickstart:~  
File Edit View Search Terminal Help  
HDFS: Number of large read operations=0  
HDFS: Number of write operations=6  
Job Counters  
Killed map tasks=1  
Launched map tasks=4  
Other local map tasks=4  
Total time spent by all maps in occupied slots (ms)=89968  
Total time spent by all reduces in occupied slots (ms)=0  
Total time spent by all map tasks (ms)=89968  
Total vcore-seconds taken by all map tasks=89968  
Total megabyte-seconds taken by all map tasks=92127232  
Map-Reduce Framework  
Map input records=3  
Map output records=3  
Input split bytes=295  
Spilled Records=0  
Failed Shuffles=0  
Merged Map outputs=0  
GC time elapsed (ms)=1478  
CPU time spent (ms)=5720  
Physical memory (bytes) snapshot=361332736  
Virtual memory (bytes) snapshot=4518199296  
Total committed heap usage (bytes)=182255616  
File Input Format Counters  
Bytes Read=0  
File Output Format Counters  
Bytes Written=40  
17/06/11 15:53:20 INFO mapreduce.ImportJobBase: Transferred 40 bytes in 53.9152 seconds  
(0.7419 bytes/sec)  
17/06/11 15:53:20 INFO mapreduce.ImportJobBase: Retrieved 3 records.  
[cloudera@quickstart ~]$
```

MUM Global Online Educ... x Browsing HDFS x hadoop-partitioner/P... x

quickstart.cloudera:50070/explorer.html#/user/cloudera/sqoopSt Search

Cloudera Hue Hadoop HBase Impala Spark Solr Oozie Cloudera Manager Getting Started

Browse Directory

/user/cloudera/sqoopStocksImportOutput Go!

Permission	Owner	Group	Size	Last Modified	Replication	Block Size	Name
-rw-r--r--	cloudera	cloudera	0 B	Sun Jun 11 15:53:18 -0700 2017	1	128 MB	_SUCCESS
-rw-r--r--	cloudera	cloudera	13 B	Sun Jun 11 15:53:13 -0700 2017	1	128 MB	part-m-00000
-rw-r--r--	cloudera	cloudera	14 B	Sun Jun 11 15:53:13 -0700 2017	1	128 MB	part-m-00001
-rw-r--r--	cloudera	cloudera	13 B	Sun Jun 11 15:53:16 -0700 2017	1	128 MB	part-m-00002

Hadoop, 2016.

Browsing HDFS - Mozil... workspace training conf cloudera@quickstart:~

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Download

Block information -- Block 0

Block ID: 1073743188
Block Pool ID: BP-171906535-127.0.0.1-1491391569011
Generation Stamp: 2375
Size: 13
Availability:
• quickstart.cloudera

Close

part-m-00000 (~/.Down

File Edit View Search Tools

Open Save

part-m-00000 X

1,AAPL,85.88

Plain Text Tab Width: 8

HDFS - Mozil... training conf cloudera@quickstart:~ Sqoop Homework (~/. part-m-00000 (~/.Dow...