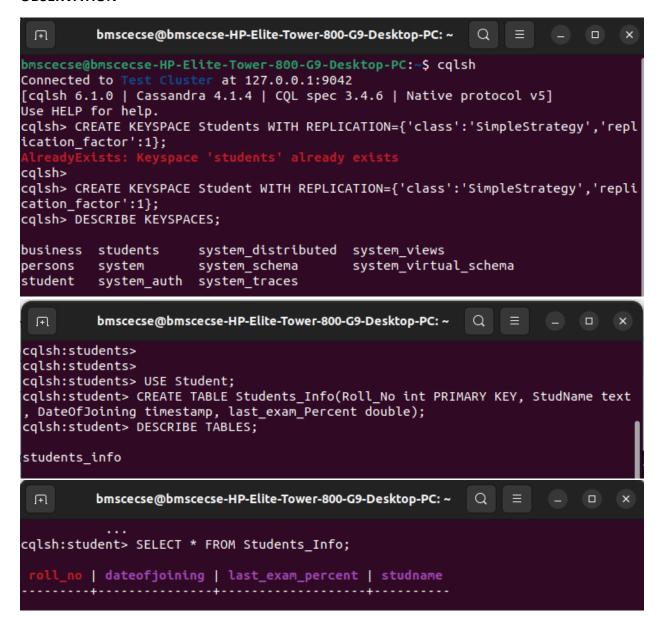
## LABORATORY PROGRAM – 4 Execution of HDFS Commands

## **OBSERVATION**



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         bmscecse@bmscecse-HP-Elite-Tower-800-G9-Desktop-PC: ~
(1 rows)
cqlsh:student> BEGIN BATCH
           ... INSERT INTO Students_Info(Roll_No, StudName,DateOfJoining, last_e
xam_Percent) VALUES (1,'Asha','2012-03-12',79.9)
           ... INSERT INTO Students_Info(Roll_No, StudName,DateOfJoining, last e
xam_Percent) VALUES (2,'Krian','2012-03-12',89.9)
           ... INSERT INTO Students_Info(Roll_No, StudName,DateOfJoining, last_e
xam_Percent) VALUES (3,'Tarun','2012-03-12',78.9)
           ... INSERT INTO Students_Info(ROll_No, StudName,DateOfJoining, last_e
xam_Percent) VALUES (4,'Samrth','2012-03-12',90.9)
           ... INSERT INTO Students_Info(Roll_No, StudName,DateOfJoining, last_e
xam_Percent) VALUES (5,'Smitha','2012-03-12',67.9)
           ... INSERT INTO Students_Info(Roll_No, StudName,DateOfJoining, last_e
xam_Percent) VALUES (1,'Rohan','2012-03-12',56.9)
           ... APPLY BATCH;
cqlsh:student> SELECT * FROM Students_Info;
 roll_no | dateofjoining
                                           | last_exam_percent | studname
      5 | 2012-03-11 18:30:00.000000+0000
                                                                   Smitha
      1 | 2012-03-11 18:30:00.000000+00000 |
                                                          79.9
                                                                    Rohan
      2 | 2012-03-11 18:30:00.000000+0000 |
                                                          89.9
                                                                    Krian
      4 | 2012-03-11 18:30:00.000000+0000 |
                                                                   Samrth
                                                          90.9
      3 2012-03-11 18:30:00.000000+00000
                                                          78.9
(5 rows)
cqlsh:student>
```

```
bmscecse@bmscecse-HP-Elite-Tower-800-G9-Desktop-PC: ~ Q = _ □
roll_no | dateofjoining
                                     | last_exam_percent | studname
          79.9 | Rohan
     2 | 2012-03-11 18:30:00.000000+0000
                                                89.9
     3 | 2012-03-11 18:30:00.000000+0000
                                                 78.9 | Tarun
(3 rows)
cqlsh:student> SELECT * FROM Students_Info WHERE StudName='Tarun';
 validRequest: Error from server: code=2200 [Invalid query] message="Cannot exe
te this query as it might involve data filtering and thus may have unpredictab
performance. If you want to execute this query despite the performance unpred
cqlsh:student> CREATE INDEX ON Students_Info (StudName);
roll_no | dateofjoining | last_exam_percent | studname
    3 | 2012-03-11 18:30:00.000000+00000 |
                                                78.9 | Tarun
(1 rows)
5 | Smitha
     1 Rohan
(2 rows)
cqlsh:student>
        bmscecse@bmscecse-HP-Elite-Tower-800-G9-Desktop-PC: ~ Q = - □ ×
cqlsh:student> SELECT Roll_No as "USN" from Students_Info;
(5 rows)
cqlsh:student> UPDATE Students_Info SET StudName='David Sheen' WHERE Roll_No=2;
cqlsh:student> UPDATE Students Info SET Roll No=6 WHERE Roll No=3;
```

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         bmscecse@bmscecse-HP-Elite-Tower-800-G9-Desktop-PC: ~ Q = _ 🗆
cqlsh:student> DELETE last_exam_Percent FROM Students Info WHERE Roll No=1;
cqlsh:student> DELETE FROM Students_Info WHERE Roll_No=2;
cqlsh:student> ALTER TABLE Students Info ADD hobbies set<text>;
cqlsh:student> ALTER TABLE Students Info ADD language list<text>;
cqlsh:student> UPDATE Students Info SET hobbies=hobbies+{'Chess,Table Tennis'} W
HERE Roll No=3;
cqlsh:student> SELECT * FROM Students Info WHERE Roll No=3;
  oll_no | dateofjoining
                                       | hobbies
                                                               language
 last_exam_percent | studname
      3 | 2012-03-11 18:30:00.000000+0000 | {'Chess, Table Tennis'} | null |
           78.9 | Tarun
(1 rows)
cqlsh:student> UPDATE Students_Info SET language=language+['Hindi,English'] WHER
E Roll No=3:
cqlsh:student> SELECT * FROM Students Info WHERE Roll No=3;
 roll_no | dateofjoining
                                        hobbies
                                                      language
      | last_exam_percent | studname
 3 | 2012-03-11 18:30:00.000000+0000 | {'Chess, Table Tennis'} | ['Hindi, En
glish'] | 78.9 | Tarun
(1 rows)
cqlsh:student>
         bmscecse@bmscecse-HP-Elite-Tower-800-G9-Desktop-PC: \sim Q \equiv - \Box \times
cqlsh:student> CREATE TABLE library book(counter value counter,book name varchar
,stud_name varchar,PRIMARY KEY(book_name,stud_name));
cqlsh:student> UPDATE library_book SET counter_value=counter_value+1 WHERE book_
name='Big Data Analytics' AND stud_name='jeet';
cqlsh:student> CREATE TABLE userlogin(userid int PRIMARY KEY, password text);
INcqlsh:student> INSERT INTO userlogin(userid,password) VALUES (1,'infy') USING
TTL 30;
cqlsh:student> INSERT INTO userlogin(userid.password) VALUES (1.'infy') USING TT
L 30:
ttl(password)
(0 rows)
cqlsh:student>|
```

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FI.
          bmscecse@bmscecse-HP-Elite-Tower-800-G9-Desktop-PC: ~ Q
cqlsh:student> COPY Students Info(Roll No, StudName,DateOfJoining, last exam Per
cent) TO 'd:\elearninglists.csv';
Using 16 child processes
Starting copy of student.students_info with columns [roll_no, studname, dateofjo
ining, last exam percent].
Processed: 4 rows; Rate:
                             71 rows/s; Avg. rate:
                                                        71 rows/s
4 rows exported to 1 files in 0.067 seconds.
cqlsh:student> COPY Students Info(Roll No,StudName,DateOfJoining, last exam Perc
ent) FROM 'd:\elearninglists.csv';
Using 16 child processes
Starting copy of student.students_info with columns [roll_no, studname, dateofjo
ining, last_exam_percent].
Processed: 4 rows; Rate:
                              8 rows/s; Avg. rate:
                                                        11 rows/s
4 rows imported from 1 files in 0.358 seconds (0 skipped).
          bmscecse@bmscecse-HP-Elite-Tower-800-G9-Desktop-PC: ~ 🔍 🗏
cqlsh:student> COPY userlogin(userid,password) FROM STDIN;
Using 16 child processes
Starting copy of student.userlogin with columns [userid, password].
[Use . on a line by itself to end input]
[copy] 2,'ijkl'
[copy] .
Processed: 1 rows; Rate: 0 rows/s; Avg. rate:
                                                        0 rows/s
1 rows imported from 1 files in 0 day, 0 hour, 0 minute, and 24.302 seconds (0 s
kipped).
cqlsh:student> COPY userlogin(userid,password) TO STDOUT;
2,'ijkl'
cqlsh:student>
```