

NAME OF EXPERIMENT

lab 5

DATE

2/11/20

PAGE NO.

EXPERIMENT NO

Cassandra - 1.

EXPERIMENT RESULT

Installation of python 2.7, jre, thrift & apache-cassandra done.

- (i) Create a keyspace by name Student:
- ```
cqlsh> CREATE KEYSPACE Student
WITH replication = {'class': 'SimpleStrategy',
 'replication-factor': 3};
use Student;
```
- (ii) Columnfamily by name Student-Info with attributes
- ```
cqlsh:Student> CREATE COLUMNFAMILY Student-Info (  
    Student-ID INT PRIMARY KEY,  
    Student-Name VARCHAR, Date-of-Joining VARCHAR,  
    Semester INT, Dept-NAME VARCHAR);
```
- (iii) Insert values into the table in batch
- ```
cqlsh:Student> BEGIN BATCH INSERT INTO Student-Info (
 Student-ID, Student-Name, Date-of-Joining, Semester,
 Dept-Name) values (11, 'Amy', '28/5/1999', 7, 'CSE');
INSERT INTO Student-Info (Student-ID, Student-Name,
 Date-of-Joining, Semester, Dept-Name) values (
 121, 'Beena', '24/6/1998', 5, 'ISE');
APPLY BATCH;
```
- ```
cqlsh:Student> SELECT * FROM Student-Info;
```
- (iv) Update Student name of id 121
- ```
cqlsh:Student> UPDATE Student.Student-Info
 SET Student-Name = 'Bihell'
 WHERE Student-ID = 121;
```