

Lab - 06:

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I

①

```
> CREATE KEYSPACE Employee WITH  
  REPLICATION = { 'class' : 'SimpleStrategy', 'replication-factor': 1 };
```

②

```
> CREATE TABLE Employee-Info (Emp-Id int PRIMARY KEY,  
  Designation text, DateOfJoining timestamp, Salary double,  
  Dept text);
```

③

```
> BEGIN BATCH.
```

```
1) INSERT INTO Employee-Info (Emp-Id, Emp-Name, Designation,  
  DateOfJoining, Salary, Dept)  
  VALUES (117, 117, 'Sharan', 'Software Engineer', '2020-10-19',  
  60000, 'Engineering');
```

```
INSERT INTO Employee-Info (Emp-Id, Emp-Name, Designation,  
  DateOfJoining, Salary, Dept)  
  VALUES (121, 'Suresh', 'Software Developer', '2020-08-01',  
  52000, 'Development');
```

```
APPLY BATCH;
```

④

```
> UPDATE Employee-Info SET Emp-Name = "Viret", Dept = "R&D"  
  WHERE Emp-Id = 121;
```

⑤

```
> ALTER TABLE Employee.Employee-Info add Projects set<text>;
```

```
⑥ > UPDATE Employee-Info SET Projects = Projects || 'Library Management  
  System' || where Emp-Id = 117;
```

> UPDATE Employee-Info SET Projects = Projects + {'Stock Management'}
where Emp-Id = 121;

⑦

> SELECT TTL (Designation) FROM Employee-Info where
Emp-Id = 120;

11

①

> CREATE KEYSPACE Library WITH REPLICATION =
{'class': 'SimpleStrategy', 'replication-factor': 1};

②

use Library

CREATE TABLE Library-Info (stud-id int, Counter-value,
Stud-name text, Book-name text, Book-id int, Doi timestamp,
PRIMARY KEY (Stud-id, Stud-name, Book-Name, Book-id, Doi));

③

~~REINBATEH~~

③

CREATE TABLE LIBRARY-INFO

stud-id int,

stud-name text,

book-name text,

book-id int,

doi timestamp,

counter-value counter,

PRIMARY KEY (stud-id, stud-name, book-name, book-id, doi).

WITH CLUSTERING ORDER BY (stud-name ASC, book-name ASC,
book-id ASC, doi ASC)

AND bloom-filter-fp-chance = 0.01.

AND caching = {'keys': 'ALL', 'rows-per-partition': 'None'}

AND comment = ''

- > Update Library-info SET Counter-value = counter-value + 1.
WHERE stud-id = 117 and stud-name = 'Virat' AND
Book-name = 'DSR' and Book-id = 221 and Doi = '2020-11-05';
- > Select * from Library-info;
- > Update Library-info SET counter-value + 1 Where stud-id = 121
and stud-name = 'Suresh' AND Book-id = 122 and Doi = '2020-10-05';
- > Copy Library-info (stud-id, stud-name, Book-name, book-id, doi)
TO &'..\LibraryInfo.csv';
- > COPY Library-Info (stud-id, Counter-value, Stud-Name, Book-name,
book-id, doi) FROM '..\libraryInfo.csv';