Lab 5 (a)

Shubh Oswal

IBM17CS099

i] Create keyspace Employee
WITH replication = { 'class' = '
Simple strategy', replication-factor:3}

ii) Create COLUMN FAMILY employee-info
(emp-id INT PRIMARY KEY,
emp-name VARCHAR,
doj VARCHAR,
dept-name VARCHAR,
salary INT);

iii) BeginBatch
INSERT INTO employee-info(
emp-id, dept-name, designation,
doj, emp-name, salary) values (
120, 'Designing', 'CTO', '14/07/2020',
'Shubh', 100000);

APPLY BATCH;

iv]   select * from emp-info;
UPDATE employee-info
SET emp-name = 'Shubh',
dept-name = 'CS'
WHERE emp-id = 121;

vi] select * from employee-info;
ALTER table employee-info ADD
project VARCHAR;

vii] UPDATE employee-info
SET project = 'Smart Home'
WHERE emp-id = 121;

viii] INSERT INTO employee-info (
emp-id, dept-name, designation,
doj, emp-name, project, salary)
values (121, 'PF', 'Senior Manager'
, '26/6/2020', 'Yatush', 'Voice
Assistant', 2000000)
Using TTL 15;
select TTL (designation)
FROM employee-info where
emp-id = 121;

Lab(5)b   Shubh oswal
                            1BM17CS099

i) Create keyspace library with
replication= { 'cat Class': 'Simple Strategy'
' replication-factor':3 };

ii) Create columnfactory library-info(
stud-id, userid, counter-value,
Stud-name VARCHAR, PRIMARY
KEY(stud-id, stud-name, bool-name,
book-id, doi));

iii) UPDATE library-info
Set counter-value = (out-value +1
where stud-id=userid() & stud-name
= 'Shubh' and book-name=
'ABC' and book-id=3 and
doi = '05/06/2020';

iv) UPDATE library-info
set counter-value = count-value +1
where stud-id = userid() &
stud-name = 'Vatush' & book-name
= 'Maths' & book-id = 1 &
doi = '07/07/2007';
select * from library-info;

```
COPY library_info ( stud_id,
counter_value, stud_name, book_
name, book_id, doi) TO ' C:\users\
res. csv',
WITH HEADER = TRUE;
COPY library_info (stud_id,
counter_value, stud_name, book_
name, book_id, doi ) FROM 'C:
\user\res.csv) WITH HEADER
= TRUE;
Select * from library_info where
counter_value = 2
ALLOW FILTERING;
```