I. 1) Create KEYSPACE Employee WITH replication = { 'class' : SimpleStrategy', 'replication-factor' : 3};

2) CREATE COLUMNFAMILY employee_info (emp-id INT PRIMARY KEY, emp-name VARCHAR, designation VARCHAR, doj VARCHAR, dept-name VARCHAR, salary INT);

3) BEGIN BATCH
   INSERT INTO employee-info (emp-id, dept_name, designation, doj, emp-name, salary) values (120, 'Development', 'CTO', '10/9/2015', 'Akash', 2000000);

   INSERT INTO employee-info (emp-id, dept-name, .... , salary) values (121, 'HR', 'employee', '15/09/2012', 'Piyush', 1500000);
   INSERT INTO employee-info (emp-id, dept-name, .... salary) values (122, 'Maintenance staff', '03/08/2016', 'Chinmayi', 53000);
   INSERT INTO employee-info (emp-id, dept-name, ...., salary) values (123, 'IT', 'Assistant', '24/09/2019', 'Trisha', 1000000);

APPLY BATCH;

select * from employee_info;

UPDATE employee_info SET emp_name = 'Achintya', dept_name = 'IT', where emp_id = 121;

select * from employee_info;

4) Select * from employee_info where emp_id in (120, 121, 122, 123) ORDER BY Salary ASC;

5) ALTER TABLE employee_info ~~SET~~ ADD
~~PROJECT = 'TIP' where emp_id = 120;~~
Project VARCHAR;

6) UPDATE employee_info SET project = 'TIP' where emp_id = 120;

7) INSERT INTO employee_info (emp_id, dept_name, ..., project, salary) values (124, 'PR', 'Senior Manager', '01/05/2020', 'Load Balancing Server', 'Pranar', '500000') USING TTL 60;

8) SELECT TTL(designation) FROM employee_info where emp_id = 124;

II 1) CREATE ~~COLUMNFAMILY librarcyinfo~~
KEYSPACE library WITH replication =
{'class': 'SimpleStrategy', 'replication-factor': 3};

2) CREATE COLUMNFAMILY libraryinfo (stud
id uuid, counter-value counter, stud-name,
VARCHAR, book-name VARCHAR, book-id
INT, DOI VARCHAR, PRIMARY KEY (
stud-id, stud-name, book-name, book-id,
doi));

3) ~~INSERT~~ BEGIN BATCH
INSERT INTO libraryinfo (~~stud-id~~ counter-value, .....
doi) values (13, 'Anjali', 'Inferno', 1376,
'20/09/2020');
INSERT INTO libraryinfo (counter-value,
..., doi) values (19, 'Ashwini', 'The Alchemist',
5816, '25/09/2020');
APPLY BATCH;

3) ~~UPDATE select * from library-info~~
UPDATE libraryinfo set counter-value=
counter-value+1 where stud-id= cdd 4375-
bc64-4119-bf3f-9cef9673f88 & stud-name
='Anjali' and book-name='Inferno' and
book-id=1 and doi='20/09/2020';

UPDATE libraryinfo set counter_value=
counter_value+1 where stud_id = uuid()
and stud_name = 'Ashwini' and book
name = 'BDA' and book_id =2 and
doi = '25/09/2020';

4) select * from libraryinfo;
UPDATE libraryinfo set counter_value=
counter_value+1 where stud_id = cdc0afe
-ed55-4916-baxc-45b/35fg6794 and
stud_name= 'Ashwini' and book_name=
'BDA' and book_id=2 and °doi°='25/04
2020';

select * from libraryinfo where counter
value=2 ALLOW FILTERING;

5) ~~CAPTURE~~ COPY libraryinfo (stud_id,
counter_value, stud_name, book_name,
book_id, doi) TO 'C:/Users/arund/
Desktop/res.csv' WITH HEADER =TRUE.

6) COPY library_info (stud_id, counter_value,
stud_name, book_name, book_id, doi)
FROM 'C:/Users/arund/Desktop/res.csv' WITH
HEADER=TRUE;