Name: Sanjay.M.S
USN: 1BM18CS412
Date: 9/11/2020

Cassandra Pgm

1. CREATE KEYSPACE Employee WITH replication =
   ('class' : 'SimpleStrategy', 'replication_factor':3};

   CREATE COLUMNFAMILY employee-info (emp_id INT,
   PRIMARY KEY, emp_name VARCHAR, designation
   VARCHAR, doj VARCHAR, dept_name VARCHAR,
   Salary INT);

BEGIN BATCH

3. INSERT INTO employee_info (emp_id, dept name,
   designation, doj, emp_name, Salary) values (120, 'Developm
   _ent', 'CTO', '10/11/2020', 'Ayush', 20,000);

   INSERT INTO employee_info (emp_id, dept name,
   designation, doj, emp_name, Salary) values
   (121, 'HR', 'Employee', '20/01/2011', 'Raju',
   150,000);

APPLY BATCH;

Select * from employee_info;

3. Update employee-info SET emp-name = 'John',
dept-name = 'IT' WHERE emp_id = 121;

4. Select * from employee-info;

5. ALTER TABLE employee-info ADD project VARCHAR;

6. UPDATE employee-info SET project = 'TIP' WHERE
emp_id = 120

UPDATE employee-info SET project = 'Facial recognition'
WHERE emp_id = 121;

INSERT INTO employee-info (emp-id, dept-name,
designation, doj, emp-name, project, salary)
values (124, 'PR', 'Senior manager', '8/8/2020', 'Load
balancing server', 'Abhi', 20000) USING TTL 60;

7. SELECT TTL (designation) FROM employee-info
where emp-id = 124;

Part - B

a) CREATE COLUMNFAMILY library info (Stud.id uuid, counth.value counth, stud_name VARCHAR, book.name VARCHAR, book.id INT, DOI VARCHAR, PRIMARY KEY (stud.id, stud_name, book.name, book-id, doi));

2. UPDATE libraryinfo set counth_value = county-value+1, where stud.id = uuid1) and stud-name = 'Ajay' and book.name = 'malgudi' and Book.id=1, and doi='1/2/2020';

-> UPDATE libraryinfo set county-value= county-value+1 where stud.id=uuid() and stud_name = 'John' and book_name = 'BDA' and book-id=10 and doi = '1/3/2020';

3. Select * from libraryinfo;

4. UPDATE libraryinfo set county_value = county-value+1) where stud.id=uuid() and stud.name='John' and book_name = 'BDA' and book.id=10 and doi = '1/3/2020';

5. Select * from libraryinfo;

-> SELECT * from libraryinfo whue counta-

value = 2 ALLOW FILTERING;

6) CAPTURE

CAPTURE 'C:\ usn\ Sanjay\Desktop\College\ 7th sem\BDA\
BDA lab\ usn. csv';

select * from libraryinfo;