

Cassandra Pgm

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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);
```

BEHIN BATCH

```
3. INSERT INTO employee_info (emp_id, dept_name,  
emp_name, designation, doj, Salary) values (120, 'developm  
ent', 'CTO', '10/11/2020', 'Ayush', 20,000);
```

```
INSERT INTO employee_info (emp_id, deptname,  
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 servu', 'Abhi', 20000) USING TTL 60;

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

Part - B

0) CREATE COLUMNFAMILY libraryinfo (stud_id uuid,
lounth_value lounth, 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 lounth_value = lounth_value + 1, where stud_id = uuid() and stud_name = 'Ajay' and book_name = 'malgudi' and book_id = 1 and doi = '1/12/2020';

→ UPDATE libraryinfo set lounth_value = lounth_value + 1 where stud_id = uuid() and stud_name = 'John' and book_name = 'BDA' and book_id = 10 and doi = '1/13/2020';

3. Select * from libraryinfo;

4. UPDATE libraryinfo set lounth_value = lounth_value + 1 where stud_id = uuid() and stud_name = 'John' and book_name = 'BDA' and book_id = 10 and doi = '1/13/2020';

5. Select * from libraryinfo;

→ SELECT * from libraryinfo where bounth -
value = 2 ALLOW FILTERING;

5) CAPTURE

CAPTURE 'C:\usr\Sanjoy\Desktop\college 7th sem\BDA\
BDA lab\usr.csv';

select * from libraryinfo;