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1BM17CS103
BDA LAB
09/11/2020.

STUDENT'S NAME	
CLASS	SUBJECT
ROLL NO.	DATE

1) Create keyspace employee with replication =
{ 'class' = simple strategy', replication - factor':3 };

CREATE COLUMNFAMILY Employee Info (emp-id
INT PRIMARY KEY, emp-name text, designation
text, date of joining text, salary int, dept-
name text);

BEGIN BATCH
INSERT INFO Employee -Info (emp id, emp-name,
designation, date-of-joing, salary, dept-name)
VALUES (121, 'Siddharth', 'developer', 19-10-2020'
60000, 'development').
INSERT INFO Employee -Info (emp id, Emp-
name, designation, date of joing, salary,
dept-name) VALUES (122, 'Varun', 'developer
in 'QA', '29-09-2020', 50000, 'Testing')
INSERT INFO Employee Info (emp-id, Emp-
name, designation date-of-joing, salary,
dept-name) VALUES (123', 'Tarun', 'Operations
lead', '09-08-2020, 40000, 'Operations) APPLY BATCH;

Update employee -Info SET emp-name ='ABC',
dept-name ='QA' WHERE emp-id =121;

Select from employee -info;

ALTER TABLE Employee info ADD projects set <text>;

UPDATE Employee -info SET projects ={'Stock
management '} WHERE emp id = 121;
UPDATE Employee -info SET projects={'library
management system'} WHERE emp id= 122;
UPDATE Employee info SET projects={'project

management system'} WHERE emp_id = 123;

INSERT INTO employee -Info (emp-id, emp-name, designation, date_of_joinng, salary, dept-name) VALUES (111, (xy2), 'developer', 70000, '08-11-2020', 'development') USING TTL 15;

2) CREATE KEYSPACE Library with replication = { 'class'; simple straterqu; replicahn - factor' = 1};

CREATE TABLE library Info(stud_id int PRIMARY KEY, Counter _value counter, stud-name text, book_name text, book_id int, Date_of_ Issue text);

UPDATE library info SET Counter _value= Counter_value +1 WHERE stud_id =111 and stud-name = 'Siddharth' and book-Name = 'Machine beamg' and book_id = 4567 and date of issue = '14-10-2020;

UPDATE library info SET counter_value = Counter_value +1 WHERE stud_id = 112 and stud-name = varun, and book_name = 'data science' and book_id = 4568 and date of issue = '18-10-2020';

Describe library_Infor

Update library info SET Counter-value = Counter-value +1 WHERE stud-id = 112;

Select * from library_Info WHERE stud_id = 112;

```
COPY library_Info (stud_id, Counter_value,
stud_name, book_name, book_id, date_of_issue)
TO :\ library info csv';

COPY library_Info (stud_id, Counter_value,
stud_name, book_name, book_id, date_of_
issue     FROM :\ library Info. csv';

SELECT * FROM library info;
```