

BDA LAB

IBMI7CS111 Tanisha Naik

```
1. CREATE KEYSPACE Employee with replication =  
{ 'class' = 'simplestrategy', 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 INTO Employee-info ( emp-id, emp-name,  
designation, date-of-joining, salary, dept-name )  
VALUES ( 101, 'Tanisha', 'Developer', '10-10-2020',  
60000, 'Development' )
```

```
INSERT INTO Employee-Info ( emp-id, emp-name,  
designation, date-of-joining, salary, dept-name )  
VALUES ( 122, 'VARUN', 'Developer in QA', '30-00-2020',  
50000, 'Testing' ).
```

```
INSERT INTO Employee-Info ( emp-id, emp-name,  
designation, date-of-joining, 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 = { 'IT & Management  
system' } 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-joining, salary, dept-name)  
VALUES (111, 'X72', 'Developer', 70000, '06-11-20',  
'Development', 1) USING TTL 15;
```


2. ~~CREATE~~ CREATE KEYSPACE Library WITH replication = {
'class': 'SimpleStrategy', replication_factor: 1};

CREATE TABLE Library_Info (stud_id int,
PRIMARY KEY, counter_value counter, stud_name
text, Book_Name text, Book_id, Date_of_Issue text)

UPDATE Library_Info SET counter_value = counter_value
+ 1, WHERE stud_id = 111 and stud_name = "Tania"
and Book_name = "Machine Learning" 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 = "Vamsi"
and Book_Name = "Data Science" and Book_id
= 4563 and Date_of_Issue = "13-10-2020";

Describe Library_Info;

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 'LibraryInfo.csv';

copy Library_Info (stud_id, counter_value,
stud_name, Book_Name, Book_id, Date_of_Issue)
FROM 'LibraryInfo.csv';

SELECT * FROM LibraryInfo;