

CS23332 DATABASE MANAGEMENT SYSTEMS LAB

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DEPT	B.TECH-AI AND DS
SEC	C

EX 1 CREATION OF BASE TABLE AND DML OPERATION

1. Create MY_EMPLOYEE table with the following structure

NAME	NULL?	TYPE
ID	Not null	Number(4)
Last_name		Varchar(25)
First_name		Varchar(25)
Userid		Varchar(25)
Salary		Number(9,2)

```
CREATE TABLE MY_EMPLOYEE (
ID NUMBER(4) NOT NULL,
Last_name VARCHAR2(25),
First_name VARCHAR2(25),
Userid VARCHAR2(25),
Salary NUMBER(9,2)
);

Results Explain Describes Saved SQL
Table created.
0.01 seconds
```

2. Add the first and second rows data to MY_EMPLOYEE table from the following sample data.

ID	Last_name	First_name	Userid	salary
1	Patel	Ralph	rpatel	895
2	Dancs	Betty	bdancs	860
3	Biri	Ben	bbiri	1100
4	Newman	Chad	Cnewman	750
5	Ropebur	Audrey	aropebur	1550

The screenshot shows a MySQL query editor interface. At the top, there are buttons for 'Autocommit' (checked), 'Rows' (set to 10), and 'Save/Run'. Below the buttons is a SQL command window containing the following code:

```
INSERT ALL
INTO MY_EMPLOYEE (ID, Last_name, First_name, Userid, Salary) VALUES (1, 'Patel', 'Ralph', 'rpatel', 895)
INTO MY_EMPLOYEE (ID, Last_name, First_name, Userid, Salary) VALUES (2, 'Dancs', 'Betty', 'bdancs', 860)
INTO MY_EMPLOYEE (ID, Last_name, First_name, Userid, Salary) VALUES (3, 'Biri', 'Ben', 'bbiri', 1100)
INTO MY_EMPLOYEE (ID, Last_name, First_name, Userid, Salary) VALUES (4, 'Newman', 'Chad', 'Cnewman', 750)
INTO MY_EMPLOYEE (ID, Last_name, First_name, Userid, Salary) VALUES (5, 'Ropebur', 'Audrey', 'aropebur', 1550)
SELECT * FROM dual;
```

Below the code, there is a 'Results' tab, followed by a message: '5 row(s) inserted.' and a time stamp: '0.01 seconds'.

3. Display the table with values.

```
FROM MY_EMPLOYEE;
```

Explain Describe Saved SQL History

T_NAME	FIRST_NAME	USERID	SALARY
I	Ralph	RPatel	895
s	Betty	BDancs	860
	Ben	BBiri	1100
man	Chad	CNewman	750
ebur	Audrey	ARopebur	1550

Runned in 0.00 seconds [Download](#)

4. Populate the next two rows of data from the sample data. Concatenate the first letter of the `first_name` with the first seven characters of the `last_name` to produce `Userid`.

```
UPDATE MY_EMPLOYEE
SET Userid = SUBSTR(First_name, 1, 1) || SUBSTR>Last_name, 1, 7);|
```

[Results](#) [Explain](#) [Describe](#) [Saved SQL](#) [History](#)

5 row(s) updated.

0.00 seconds

5. Delete Betty dancs from MY_EMPLOYEE table.

```
DELETE FROM MY_EMPLOYEE  
WHERE First_name = 'Betty' AND Last_name = 'Dancs';
```

Results Explain Describe Saved SQL History

1 row(s) deleted.

0.01 seconds

6. Empty the fourth row of the emp table.

```
UPDATE MY_EMPLOYEE SET Last_name = NULL, First_name = NULL, Userid = NULL,  
Salary = NULL WHERE ID = 4;
```

Results Explain Describe Saved SQL History

1 row(s) updated.

0.00 seconds

7.drop a column dob from table

```
ALTER TABLE MY_EMPLOYEE DROP COLUMN dob;
```

Results Explain Describe Saved SQL Help

Table altered.

0.17 seconds

8.Clear all records of table using Truncate

```
TRUNCATE TABLE My_employee;
```

Results Explain Describe Save

Table truncated.

0.12 seconds