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ROLL NO - 31114  
CLASS - TE 1  
SUBJECT - DBMS  
DATE - 17/09/23  
Assignment No - 06

-----START-----

C:\Program Files\MariaDB 11.1\bin>mariadb -u root -p  
Enter password: \*\*\*\*\*

MariaDB [(none)]> show databases;

```
+-----+
| Database          |
+-----+
| dbms               |
| information_schema |
| mysql              |
| performance_schema |
| sys                |
+-----+
```

5 rows in set (0.022 sec)

MariaDB [(none)]> use dbms

Database changed

MariaDB [dbms]> show tables;

Empty set (0.001 sec)

MariaDB [dbms]> CREATE TABLE N\_EmpId (  
-> emp\_id INT NOT NULL PRIMARY KEY,  
-> emp\_name VARCHAR(20));

Query OK, 0 rows affected (0.024 sec)

MariaDB [dbms]> CREATE TABLE O\_EmpId (  
-> emp\_id INT NOT NULL PRIMARY KEY,  
-> emp\_name VARCHAR(20));

Query OK, 0 rows affected (0.034 sec)

MariaDB [dbms]> SHOW TABLES;

```
+-----+
| Tables_in_dbms    |
+-----+
| n_empid            |
| o_empid            |
+-----+
```

2 rows in set (0.001 sec)

MariaDB [dbms]> INSERT INTO o\_empid VALUES

```
-> (1, "A"),
-> (2, "B"),
-> (3, "C"),
-> (4, "D"),
-> (5, "E"),
-> (6, "F");
```

Query OK, 6 rows affected (0.031 sec)

Records: 6 Duplicates: 0 Warnings: 0

MariaDB [dbms]> INSERT INTO n\_empid VALUES

```
-> (7, "G"),
-> (8, "H"),
-> (9, "I"),
-> (10, "J"),
```

```
-> (11, "K"),
-> (12, "L");
```

Query OK, 6 rows affected (0.014 sec)  
Records: 6 Duplicates: 0 Warnings: 0

MariaDB [dbms]> SELECT \* FROM n\_empid;

emp_id	emp_name
7	G
8	H
9	I
10	J
11	K
12	L

6 rows in set (0.001 sec)

MariaDB [dbms]> SELECT \* FROM o\_empid;

emp_id	emp_name
1	A
2	B
3	C
4	D
5	E
6	F

6 rows in set (0.001 sec)

MariaDB [dbms]> SET SQL\_MODE = "ORACLE";  
Query OK, 0 rows affected (0.000 sec)

MariaDB [dbms]> DROP PROCEDURE cur\_proc;  
Query OK, 0 rows affected (0.007 sec)

```
MariaDB [dbms]> CREATE PROCEDURE cur_proc(E INT)
-> AS
-> BEGIN
-> END $
```

Query OK, 0 rows affected (0.034 sec)

```
MariaDB [dbms]> CREATE PROCEDURE cur_proc(E INT)
-> AS
-> id o_empid.emp_id%type;
-> name o_empid.emp_name%type;
-> CURSOR cur_empid IS SELECT emp_id, emp_name from o_empid;
-> BEGIN
-> END $
```

Query OK, 0 rows affected (0.010 sec)

```
MariaDB [dbms]> CREATE PROCEDURE cur_proc(E INT)
-> AS
-> id o_empid.emp_id%type;
-> name o_empid.emp_name%type;
-> CURSOR cur_empid(id INT) IS SELECT emp_id, emp_name FROM o_empid WHERE
emp_id <= id;
-> BEGIN
-> OPEN cur_empid(E);
-> LOOP
-> FETCH cur_empid INTO id, name;
-> EXIT WHEN cur_empid%notfound;
-> INSERT INTO n_empid(emp_id, emp_name) VALUES (id, name);
```

```
-> END LOOP;  
-> CLOSE cur_empid;  
-> END $
```

Query OK, 0 rows affected (0.009 sec)

```
MariaDB [dbms]> CALL cur_proc(4);  
Query OK, 4 rows affected (0.011 sec)
```

```
MariaDB [dbms]> SELECT * FROM o_empid;
```

emp_id	emp_name
1	A
2	B
3	C
4	D
5	E
6	F

6 rows in set (0.000 sec)

```
MariaDB [dbms]> SELECT * FROM n_empid;
```

emp_id	emp_name
1	A
2	B
3	C
4	D
7	G
8	H
9	I
10	J
11	K
12	L

10 rows in set (0.001 sec)

```
MariaDB [dbms]> CALL cur_proc(4); $  
ERROR 1062 (23000): Duplicate entry '1' for key 'PRIMARY'
```

```
MariaDB [dbms]> CREATE PROCEDURE cur_proc(E INT)
```

```
-> AS  
-> id o_empid.emp_id%type;  
-> name o_empid.emp_name%type;  
-> CURSOR cur_empid(id INT) IS SELECT emp_id, emp_name FROM o_empid WHERE  
emp_id <= id;  
-> BEGIN  
-> OPEN cur_empid(E);  
-> LOOP  
-> FETCH cur_empid INTO id, name;  
-> EXIT WHEN cur_empid%notfound;  
-> INSERT IGNORE INTO n_empid(emp_id, emp_name) VALUES (id, name);  
-> END LOOP;  
-> CLOSE cur_empid;  
-> END $
```

Query OK, 0 rows affected (0.008 sec)

```
MariaDB [dbms]> CALL cur_proc(3);
```

```
-> $
```

Query OK, 0 rows affected, 1 warning (0.001 sec)

```
MariaDB [dbms]> CALL cur_proc(5);
```

```
-> $
```

Query OK, 1 row affected (0.004 sec)

MariaDB [dbms]> SELECT \* FROM n\_empid; \$

+-----+-----+		
emp_id   emp_name		
+-----+-----+		
	1	A
	2	B
	3	C
	4	D
	5	E
	7	G
	8	H
	9	I
	10	J
	11	K
	12	L
+-----+-----+		

11 rows in set (0.001 sec)

-----END-----