

Write a PL/SQL block of code using parameterized Cursor that will merge the data available in the newly created table N_Roll Call with the data available in the table O_RollCall. If the data in the first table already exist in the second table then that data should be skipped.

PL/SQL Block: -

```
CREATE TABLE O_ROLLCALL(rollno NUMBER(10),name VARCHAR2(30),address VARCHAR2(30));
CREATE TABLE N_ROLLCALL(rollno NUMBER(10),name VARCHAR2(30),address VARCHAR2(30));
```

```
INSERT INTO O_ROLLCALL VALUES(1,'Khushal Patil','Dhule');
INSERT INTO O_ROLLCALL VALUES(2,'Yash Patil','Jalgaon');
INSERT INTO O_ROLLCALL VALUES(3,'Aayush Patil','Dhule');
INSERT INTO O_ROLLCALL VALUES(4,'Aryan Patil','Pune');
INSERT INTO O_ROLLCALL VALUES(5,'Chaitanya Mitkari','Pune');
```

```
INSERT INTO N_ROLLCALL VALUES(5,'Chaitanya Mitkari','Pune');
INSERT INTO N_ROLLCALL VALUES(6,'Tejas Danane','PUNE');
INSERT INTO N_ROLLCALL VALUES(7,'Gaurav Pawar','Kolhapur');
INSERT INTO N_ROLLCALL VALUES(8,'Pranav Patil','Jalgaon');
```

```
CREATE OR REPLACE PROCEDURE MERGE_ROLLCALLS IS
    CURSOR ROLLCALL_CURSOR(P_ROLLNO O_ROLLCALL.ROLLNO%TYPE) IS
    SELECT ROLLNO, NAME, ADDRESS FROM O_ROLLCALL WHERE ROLLNO = P_ROLLNO;
```

```
    V_ROLLNO N_ROLLCALL.ROLLNO%TYPE;
    V_NAME N_ROLLCALL.NAME%TYPE;
    V_ADDRESS N_ROLLCALL.ADDRESS%TYPE;
    V_ROWS_MERGED INTEGER := 0;
```

```
BEGIN
```

```
    FOR RECORD IN (SELECT DISTINCT ROLLNO FROM O_ROLLCALL) LOOP
        OPEN ROLLCALL_CURSOR(RECORD.ROLLNO);
```

```
    LOOP
```

```
        FETCH ROLLCALL_CURSOR INTO V_ROLLNO, V_NAME, V_ADDRESS;
        EXIT WHEN ROLLCALL_CURSOR%NOTFOUND;
```

```
        SELECT COUNT(*) INTO V_ROWS_MERGED FROM N_ROLLCALL WHERE ROLLNO =
        V_ROLLNO;
```

```
        IF V_ROWS_MERGED = 0 THEN
```

```
            INSERT INTO N_ROLLCALL (ROLLNO, NAME, ADDRESS)
            VALUES (V_ROLLNO, V_NAME, V_ADDRESS);
```

```
        END IF;
```

```
    END LOOP;
```

```

CLOSE ROLLCALL_CURSOR;
END LOOP;
COMMIT;
DBMS_OUTPUT.PUT_LINE('RECORDS MERGED FROM O_ROLLCALL TO N_ROLLCALL.');
```

EXCEPTION

```

  WHEN OTHERS THEN
    ROLLBACK;
    DBMS_OUTPUT.PUT_LINE('AN ERROR OCCURRED: ' || SQLERRM);
END;
/
```

SELECT * FROM O_ROLLCALL;

ROLLNO	NAME	ADDRESS
1	Khushal Patil	Dhule
2	Yash Patil	Jalgaon
3	Aayush Patil	Dhule
4	Aryan Patil	Pune
5	Chaitanya Mitkari	Pune

SELECT * FROM N_ROLLCALL;

ROLLNO	NAME	ADDRESS
5	Chaitanya Mitkari	Pune
6	Tejas Danane	PUNE
7	Gaurav Pawar	Kolhapur
8	Pranav Patil	Jalgaon

```
BEGIN
  MERGE_ROLLCALLS;
END;
/
```

```
SELECT * FROM O_ROLLCALL;
```

ROLLNO	NAME	ADDRESS
1	Khushal Patil	Dhule
2	Yash Patil	Jalgaon
3	Aayush Patil	Dhule
4	Aryan Patil	Pune
5	Chaitanya Mitkari	Pune

```
SELECT * FROM N_ROLLCALL ORDER BY ROLLNO;
```

ROLLNO	NAME	ADDRESS
1	Khushal Patil	Dhule
2	Yash Patil	Jalgaon
3	Aayush Patil	Dhule
4	Aryan Patil	Pune
5	Chaitanya Mitkari	Pune
6	Tejas Danane	PUNE
7	Gaurav Pawar	Kolhapur
8	Pranav Patil	Jalgaon