

```

-- Create the N_RollCall table
CREATE TABLE N_RollCall (
    id INT AUTO_INCREMENT PRIMARY KEY,
    name VARCHAR(255)
);

-- Create the O_RollCall table
CREATE TABLE O_RollCall (
    id INT AUTO_INCREMENT PRIMARY KEY,
    name VARCHAR(255)
);

-- Insert some dummy data into the N_RollCall table
INSERT INTO N_RollCall (name) VALUES
    ('John'),
    ('Alice'),
    ('Bob'),
    ('Eve');

-- Insert some dummy data into the O_RollCall table
INSERT INTO O_RollCall (name) VALUES
    ('Alice'),
    ('Charlie'),
    ('David');

DELIMITER //
CREATE PROCEDURE MergeRollCallData()
BEGIN
    DECLARE done INT DEFAULT 0;
    DECLARE n_id INT;
    DECLARE n_name VARCHAR(255);
    DECLARE o_id INT;
    DECLARE o_name VARCHAR(255);

    -- Declare a cursor for the N_RollCall table
    DECLARE n_cursor CURSOR FOR
    SELECT id, name FROM N_RollCall;

    -- Declare a cursor for the O_RollCall table
    DECLARE o_cursor CURSOR FOR
    SELECT id, name FROM O_RollCall;

    -- Declare variables to hold the values from the cursors
    DECLARE CONTINUE HANDLER FOR NOT FOUND SET done = 1;

    -- Open the cursors
    OPEN n_cursor;
    OPEN o_cursor;

    -- Loop through the N_RollCall table
    n_loop: LOOP
        FETCH n_cursor INTO n_id, n_name;
        IF done = 1 THEN
            LEAVE n_loop;
        END IF;

        -- Check if the data from N_RollCall already exists in O_RollCall
        SET @count = 0;
        SELECT COUNT(*) INTO @count FROM O_RollCall WHERE id = n_id;
    
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        -- If the data doesn't exist in O_RollCall, insert it
        IF @count = 0 THEN
            INSERT INTO O_RollCall (id, name) VALUES (n_id, n_name);
        END IF;
    END LOOP;

    -- Close the cursors
    CLOSE n_cursor;
    CLOSE o_cursor;

END;
//
DELIMITER ;

INSERT INTO N_RollCall (name) VALUES ("Linda"), ("Omega");
select * from N_RollCall;

call MergeRollCallData();

select * from O_RollCall;

```

## Output

```
mysql> select * from N_RollCall;
```

```

+----+-----+
| id | name |
+----+-----+
|  1 | John |
|  2 | Alice |
|  3 | Bob   |
|  4 | Eve   |
|  5 | Linda |
|  6 | Omega |
+----+-----+

```

```
6 rows in set (0.00 sec)
```

```
mysql> select * from O_RollCall;
```

```

+----+-----+
| id | name |
+----+-----+
|  1 | Alice |
|  2 | Charlie |
|  3 | David |
|  4 | Eve   |
|  5 | Linda |
|  6 | Omega |
+----+-----+

```

```
6 rows in set (0.00 sec)
```