

**PL/Sql-3** Write a PL/SQL block of code using 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..

```
CREATE TABLE O_RollCall (
    RollNo INT PRIMARY KEY,
    Name VARCHAR(50)
);

CREATE TABLE N_RollCall (
    RollNo INT,
    Name VARCHAR(50)
);

INSERT INTO O_RollCall VALUES
(101, 'Ravi'),
(102, 'Anita');

INSERT INTO N_RollCall VALUES
(102, 'Anita'),
(103, 'Meena'),
(104, 'Suresh');

DELIMITER //

CREATE PROCEDURE Merge_RollCall()
BEGIN
    DECLARE done INT DEFAULT 0;
    DECLARE v_roll INT;
    DECLARE v_name VARCHAR(50);

    -- Declare cursor for N_RollCall
    DECLARE cur CURSOR FOR SELECT RollNo, Name FROM N_RollCall;
    DECLARE CONTINUE HANDLER FOR NOT FOUND SET done = 1;

    OPEN cur;

    read_loop: LOOP
        FETCH cur INTO v_roll, v_name;
        IF done = 1 THEN
            LEAVE read_loop;
        END IF;

        -- Check if record already exists in O_RollCall
        IF NOT EXISTS (SELECT 1 FROM O_RollCall WHERE RollNo = v_roll)
        THEN
            INSERT INTO O_RollCall (RollNo, Name)
            VALUES (v_roll, v_name);
        END IF;
    END LOOP;
END;
```

```
        END IF;
END LOOP;

CLOSE cur;

SELECT 'Merge completed successfully!' AS Message;
END //
```

DELIMITER ;

**#before procedure**

```
Select * from O_RollCall;
```

```
Select * from N_RollCall;
```

**#To view Procedure**

```
CALL Merge_RollCall();
```

```
SELECT * FROM O_RollCall;
```

**Result:**

**RollNo Name**

101	Ravi
102	Anita
103	Meena
104	Suresh