

**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;

    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