

```
CREATE TABLE N_RollCall (  
    roll_number NUMBER(10),  
    name VARCHAR2(10)  
);
```

```
CREATE TABLE O_RollCall (  
    roll_number NUMBER(10),  
    name VARCHAR2(10)  
);
```

```
INSERT INTO N_RollCall VALUES (101, 'Alice');  
INSERT INTO N_RollCall VALUES (102, 'Bob');  
INSERT INTO N_RollCall VALUES (103, 'Charlie');  
INSERT INTO N_RollCall VALUES (104, 'Daisy');  
INSERT INTO N_RollCall VALUES (105, 'Eve');
```

```
INSERT INTO O_RollCall VALUES (201, 'John');  
INSERT INTO O_RollCall VALUES (202, 'Emily');  
INSERT INTO O_RollCall VALUES (101, 'Alice');
```

```
select * from N_RollCall;  
select * from O_RollCall;
```

```
DECLARE  
  
    -- Parameterized cursor to check if a student already exists in O_RollCall  
    CURSOR cur_check_exists(p_name VARCHAR2) IS  
  
        SELECT roll_number  
        FROM O_RollCall  
        WHERE name = p_name;  
  
    -- Cursor to loop through all records in N_RollCall  
    CURSOR cur_n_rollcall IS  
  
        SELECT roll_number, name  
        FROM N_RollCall;  
  
    v_roll_number N_RollCall.roll_number%TYPE;  
    v_name N_RollCall.name%TYPE;
```

```
v_existing_rol O_RollCall.roll_number%TYPE;
```

```
BEGIN
```

```
-- Open the cursor for N_RollCall table to begin processing each row
```

```
OPEN cur_n_rollcall;
```

```
LOOP
```

```
-- Fetch the current row from N_RollCall
```

```
FETCH cur_n_rollcall INTO v_roll_number, v_name;
```

```
-- Exit the loop if there are no more rows
```

```
EXIT WHEN cur_n_rollcall%NOTFOUND;
```

```
-- Open the check cursor to see if this record exists in O_RollCall
```

```
OPEN cur_check_exists(v_name);
```

```
FETCH cur_check_exists INTO v_existing_rol;
```

```
IF cur_check_exists%FOUND THEN
```

```
-- Record already exists, so skip it
```

```
DBMS_OUTPUT.PUT_LINE('Record for ' || v_name || ' already exists in O_RollCall.');
```

```
ELSE
```

```
-- Record does not exist, insert it into O_RollCall
```

```
INSERT INTO O_RollCall (roll_number, name) VALUES (v_roll_number, v_name);
```

```
DBMS_OUTPUT.PUT_LINE('Inserted record for ' || v_name || ' into O_RollCall.');
```

```
END IF;
```

```
-- Close the check cursor
```

```
CLOSE cur_check_exists;
```

```
END LOOP;
```

```
-- Close the main cursor
```

```
CLOSE cur_n_rollcall;
```

```
DBMS_OUTPUT.PUT_LINE('Data merge process completed.');
```

```
END;
```

```
/
```