

```
CREATE TABLE o_rollcall (  
    roll_no NUMBER,  
    name VARCHAR2(25),  
    div VARCHAR2(5)  
);
```

```
CREATE TABLE n_rollcall (  
    roll_no NUMBER,  
    name VARCHAR2(25),  
    div VARCHAR2(5)  
);
```

```
INSERT INTO o_rollcall VALUES(11, 'ABHISHEK', 'A');  
INSERT INTO o_rollcall VALUES(12, 'SAKSHI', 'A');  
INSERT INTO o_rollcall VALUES(13, 'SANKET', 'B');  
INSERT INTO o_rollcall VALUES(14, 'MAYUR', 'A');  
INSERT INTO o_rollcall VALUES(15, 'ROHAN', 'B');  
INSERT INTO o_rollcall VALUES(16, 'SANJU', 'B');
```

```
SELECT * FROM n_rollcall;
```

```
SELECT * FROM o_rollcall;
```

```
SET SERVEROUT ON;
```

```
SET VERIFY OFF;
```

```
CREATE OR REPLACE PROCEDURE cursor_imp AS  
    c_r NUMBER;  
    c_n VARCHAR2(25);  
    c_d VARCHAR2(5);
```

```
CURSOR c1 (roll NUMBER, n VARCHAR2, d VARCHAR2) IS
    SELECT roll_no, COUNT(roll_no), name, COUNT(name), div, COUNT(div)
    FROM o_rollcall
    GROUP BY roll_no, name, div
    HAVING (COUNT(roll_no) > 1) AND (COUNT(name) > 1) AND (COUNT(div) > 1);
```

```
temp c1%ROWTYPE;
```

```
BEGIN
```

```
DELETE FROM n_rollcall;
```

```
INSERT INTO n_rollcall SELECT * FROM o_rollcall;
```

```
OPEN c1(c_r, c_n, c_d);
```

```
LOOP
```

```
    FETCH c1 INTO temp;
```

```
    EXIT WHEN c1%NOTFOUND;
```

```
        DELETE FROM n_rollcall WHERE roll_no = temp.roll_no AND name = temp.name AND div =
temp.div;
```

```
        INSERT INTO n_rollcall VALUES (temp.roll_no, temp.name, temp.div);
```

```
        DBMS_OUTPUT.PUT_LINE(temp.roll_no || temp.name || temp.div);
```

```
END LOOP;
```

```
END;
```

```
/
```

```
BEGIN
```

```
    cursor_imp;
```

```
END;
```

/

```
SELECT * FROM n_rollcall;
```