

SQL:

Write sql query to find out exact column /data that is not matching between two tables table a and table b

----- table 1 -----

```
create table studentData1
(
roll_number int primary key,
firstname varchar(100),
lastname varchar(100),
marks int
);
insert into studentData1 (roll_number, firstname, lastname, marks)
values (1, 'Kellie', 'Stith',356);
insert into studentData1 (roll_number, firstname, lastname, marks)
values (2, 'isaac', 'newton',412);
insert into studentData1 (roll_number, firstname, lastname, marks)
values (3, 'Jhon', 'Adam',399);
insert into studentData1 (roll_number, firstname, lastname, marks)
values (4, 'Sam', 'Karson',499);
insert into studentData1 (roll_number, firstname, lastname, marks)
values (5, 'tom', 'jsam',455);
insert into studentData1 (roll_number, firstname, lastname, marks)
values (6, 'tucker', 'jose',411);
insert into studentData1 (roll_number, firstname, lastname, marks)
values (7, 'drawn', 'caste',300);
insert into studentData1 (roll_number, firstname, lastname, marks)
values (8, 'Mike', 'Spenser',900);
```

----- Table 2 -----

```
create table studentData2
(
id int primary key,
firstname varchar(100),
lastname varchar(100),
marks int
);

insert into studentData2 (id, firstname, lastname, marks)
values (1, 'Kellie', 'Stith',356);
insert into studentData2 (id, firstname, lastname, marks)
values (2, 'isaac', 'newton',412);
insert into studentData2 (id, firstname, lastname, marks)
values (3, 'Jhon', 'Adam',399);
```

```
insert into studentData2 (id, firstname, lastname, marks)
values (4, 'Sam', 'Karson',499);
insert into studentData2 (id, firstname, lastname, marks)
values (5, 'Anitha', 'Konka',112);
insert into studentData2 (id, firstname, lastname, marks)
values (6, 'Nom', 'Man',411);
```

Queries_01: Using above tables, found data available Data's from above table.

Query:

```
select * from studentData1 left join studentData2
on studentData1.roll_number=studentData2.id;
```

Queries _ 02: Using above tables, found data which's are not matching between two tables table

Query:

```
SELECT DISTINCT s1.roll_number, s1.firstname, s1.lastname, s1.marks
FROM studentData1 s1
WHERE NOT EXISTS (SELECT *
                  FROM studentData2 s2
                  WHERE s1.roll_number= s2.id)
```