Lab 14:

i) Display records from one table that is not present in another table.

ii) Determine 3rd highest marks without using TOP/LIMIT keyword.

Source code:

```
CREATE DATABASE SchoolDB;

CREATE TABLE Students (
    roll INT PRIMARY KEY,
    sname VARCHAR(20),
    marks DECIMAL(5,2),
    major VARCHAR(10)
);


CREATE TABLE Teachers (
    tid INT PRIMARY KEY,
    tname VARCHAR(20),
    salary DECIMAL(10,2),
    department VARCHAR(10)
);


INSERT INTO Students VALUES
(1, 'Ram', 88.50, 'Math'),
(2, 'Sita', 91.00, 'Physics'),
(3, 'Shyam', 79.00, 'Chemistry'),
(4, 'Gita', 85.00, 'Biology'),
(5, 'Prakash', 91.00, 'Math'),
(6, 'Hari', 76.00, 'History');


INSERT INTO Teachers VALUES
```

(1, 'Ramesh', 52000.00, 'Math'),

(2, 'Sushil', 54000.00, 'Physics'),

(3, 'Anita', 50000.00, 'English');


```
SELECT * FROM Students AS s
WHERE NOT EXISTS (
    SELECT 1 FROM Teachers AS t WHERE t.department = s.major
);
```

roll	sname	marks	major
3	Shyam	79.00	Chemistry
4	Gita	85.00	Biology
6	Hari	76.00	History


```
SELECT DISTINCT roll, sname, marks AS 3rd_Highest_Marks, major FROM Students s1
WHERE 3 = (
    SELECT COUNT(DISTINCT marks) FROM Students s2
    WHERE s2.marks >= s1.marks
);
```

roll	sname	3rd_Highest_Marks	major
4	Gita	85.00	Biology