1. Student Advisor

A university has started a student-advisor plan which assigns a professor as an advisor to each student for academic guidance. Write a query to find the roll number and names of students who either have a male advisor with a salary of more than 15,000 or a female advisor with a salary of more than 20,000.

There are two tables in the database: *student_information* and *faculty_information*. The primary key of *student_information* is *roll_number* whereas that of *faculty_information* is *employee_ID*.

▼ Schema

You are provided 2 tables: `student_information`, `faculty_information`.

student_information		
Name	Type	Description
roll_number	INTEGER	The roll number of the student. This is the primary key.
name	STRING	The name of the student.
advisor	INTEGER	The employee ID of the advisor of the student.

faculty_information		
Name	Type	Description
employee_ID	INTEGER	The employee ID of the professor. This is the primary key.
gender	CHAR	The gender of the professor (M for male and F for female).

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student_information		
Name	Type	Description
roll_number	INTEGER	The roll number of the student. This is the primary key.
name	STRING	The name of the student.
advisor	INTEGER	The employee ID of the advisor of the student.

faculty_information		
Name	Type	Description
employee_ID	INTEGER	The employee ID of the professor. This is the primary key.
gender	CHAR	The gender of the professor (M for male and F for female).
salary	INTEGER	The salary of the professor.

Note: Information about any professor who acts as an advisor to a student is always present in *faculty_information*.

▶ Sample Data Tables

▼ Sample Data Tables

student_information

roll_number	name	advisor
1	Robert	2
2	Claire	1
3	Kimmy	2

faculty_information

employee_id	gender	salary
1	M	21000
2	F	18000

Sample Output

```
2 Claire
```

Explanation

- Student with roll number 2 is advised by a male teacher with a salary of 21,000 which is more than 15,000 and hence is displayed in the output.
- Students 1 and 3 are advised by a female teacher whose salary is less than 20,000 and hence are not present in the output.

```
 2    Enter your query below.
 3    Please append a semicolon ";" at the end of the query
 4    */
 5    SELECT s.roll_number, s.name
 6    From student_information as s , faculty_information as f
 7    WHERE
 8    (s.advisor = f.employee_id)
 9    and
10  ⌄ (
11  ⌄       (f.gender = 'M' and f.salary > 15000)
12                    or
13          ( f.gender = 'F' and f.salary > 20000)
14    )
```

Line: 8 Col: 1

Test Results   Run Query   Submit

Compiled successfully. **Correct answer.**

☑ **Test case 0**

Your Output (stdout)

1	5 Angela
2	6 Teresa
3	7 Tommy
4	10 Linda
5	13 Charles
6	17 Rachel
7	20 Terri
8	22 Christopher