

Problem 1 :

Problem

Submissions

Leaderboard

Write a query that prints a list of employee names (i.e.: the name attribute) for employees in **Employee** having a salary greater than \$2000 per month who have been employees for less than 10 months. Sort your result by ascending employee_id.

Input Format

The **Employee** table containing employee data for a company is described as follows:

Column	Type
employee_id	Integer
name	String
months	Integer
salary	Integer

MySQL

```
1 select name from Employee where salary > 2000 AND months < 10 order by employee_id asc;
2
```

Line: 2 Col: 1

Problem 2 :

Problem

Submissions

Leaderboard

Given the **CITY** and **COUNTRY** tables, query the names of all cities where the CONTINENT is 'Africa'.

Note:

CITY.CountryCode and COUNTRY.Code are matching key columns.

Input Format

The **CITY** and **COUNTRY** tables are described as follows:

CITY	
Field	Type
ID	NUMBER
NAME	VARCHAR2(17)
COUNTRYCODE	VARCHAR2(3)
DISTRICT	VARCHAR2(20)
POPULATION	NUMBER

MySQL

```
1 SELECT CITY.NAME
2 FROM CITY
3 JOIN COUNTRY
4 ON CITY.CountryCode = COUNTRY.Code
5 WHERE Country.CONTINENT = 'Africa'
```

Line: 1 Col: 17

Upload Code as File

Run Code

Submit Code

Congratulations!

You have passed the sample test cases. Click the submit button to run your code against all the test cases.

Problem 3:

Problem

Submissions

Leaderboard

Given the **CITY** and **COUNTRY** tables, query the sum of the populations of all cities where the CONTINENT is 'Asia'.

Note:

CITY.CountryCode and COUNTRY.Code are matching key columns.

Input Format

The **CITY** and **COUNTRY** tables are described as follows:

CITY	
Field	Type
ID	NUMBER
NAME	VARCHAR2(17)
COUNTRYCODE	VARCHAR2(3)
DISTRICT	VARCHAR2(20)
POPULATION	NUMBER

MySQL

```
1 SELECT SUM(CITY.POPULATION)
2 FROM CITY
3 JOIN COUNTRY
4 ON CITY.CountryCode = COUNTRY.Code
5 WHERE CONTINENT = 'Asia'
6
```

Line: 1 Col: 17

Upload Code as File

Run Code

Submit Code

Congratulations!

You have passed the sample test cases. Click the submit button to run your code against all the test cases.

Problem 4 :

LeetCode

< Problem List >

Description Editorial Solutions (995) Submissions

Companies

SQL Schema >

Table: Salary

Column Name	Type
id	int
name	varchar
sex	ENUM
salary	int

id is the primary key for this table.
The sex column is ENUM value of type ('m', 'f').
The table contains information about an employee.

Write an SQL query to swap all 'f' and 'm' values (i.e., change all 'f' values to 'm' and vice versa) with a **single update statement** and no intermediate temporary tables.

Note that you must write a single update statement, **do not** write any select statement for this problem.

f MySQL Auto

```
1 # Write your MySQL query statement below
2 UPDATE Salary
3 SET (case when sex='f' then sex='m' else 'f' end )
4
```

Problem 5:

HackerRank

Prepare > SQL > Advanced Join > Placements

Exit Full Screen View

Problem

Submissions

Leaderboard

Discussions

You are given three tables: Students, Friends and Packages. Students contains two columns: ID and Name. Friends contains two columns: ID and Friend_ID (ID of the ONLY best friend). Packages contains two columns: ID and Salary (offered salary in \$ thousands per month).

Column	Type
ID	Integer
Name	String

Students

Column	Type
ID	Integer
Friend_ID	Integer

Friends

Column	Type
ID	Integer
Salary	Float

Packages

MySQL

```
1 SELECT s.Name
2 FROM Students s INNER JOIN Friends f
3 ON s.ID = f.ID INNER JOIN Packages p1
4 ON s.ID = p1.ID INNER JOIN Packages p2
5 ON f.Friend_ID = p2.ID
6 WHERE p2.Salary > p1.Salary
7 ORDER BY p2.Salary;
```

Lines: 7, cols: 38

Upload Code as File

Run Code

Submit Code

Congratulations!

You have passed the sample test cases. Click the submit button to run your code against all the test cases.

Sample Test case 0

Your Output (stdout)

1 Stuart