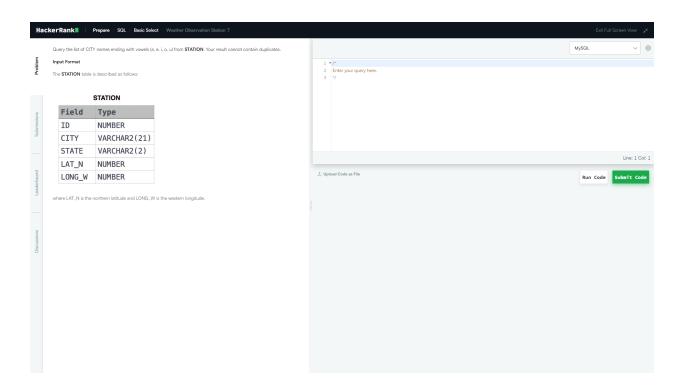# SQL queries
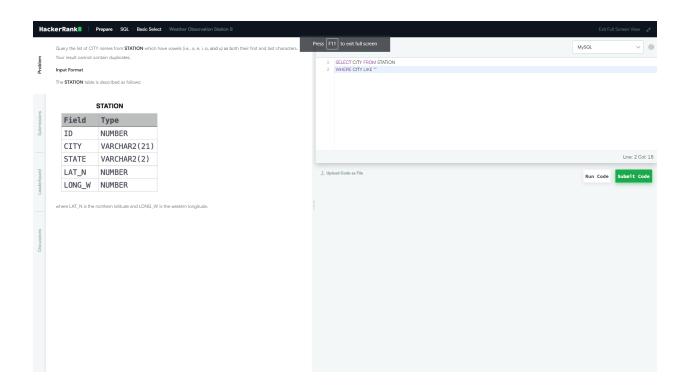
Q1

answer:

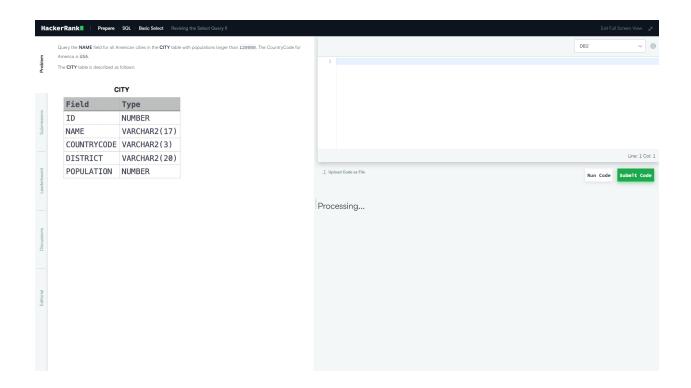SELECT DISTINCT CITY
FROM STATION
WHERE CITY LIKE "%a" OR CITY LIKE "%e" OR CITY LIKE "%i" OR CITY LIKE "%o" OR CITY LIKE "%u";

Q2

Query the list of CITY names from STATION which have vowels (i.e., a, e, i, o, and u) as both their first and last characters.
Your result cannot contain duplicates.

Input Format

The STATION table is described as follows:

STATION

Field	Type
ID	NUMBER
CITY	VARCHAR2(21)
STATE	VARCHAR2(2)
LAT_N	NUMBER
LONG_W	NUMBER

where LAT_N is the northern latitude and LONG_W is the western longitude.

```
SELECT CITY FROM STATION
WHERE CITY LIKE ''
```

Press F11 to exit full screen

MySQL

Line: 2 Col: 18

Upload Code as File   Run Code   Submit Code

answer:

```sql
SELECT DISTINCT city
FROM    station
WHERE   city RLIKE '^[aeiouAEIOU].*[aeiouAEIOU]$'
```

Q3:

Query the **NAME** field for all American cities in the **CITY** table with populations larger than `120000`. The CountryCode for America is **USA**.

The **CITY** table is described as follows:

CITY

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

DB2

Line: 1 Col: 1

⬆ Upload Code as File   Run Code   Submit Code

Processing...

answer:

SELECT NAME
FROM CITY
WHERE COUNTRYCODE= "USA" AND POPULATION >= 120000

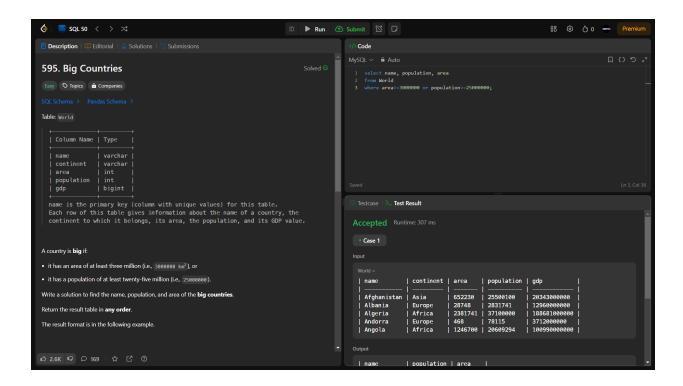Leetcode sql challenge:

Q1:

answer:

```
select product_id
from Products
where low_fats='Y' and recyclable='Y';
```
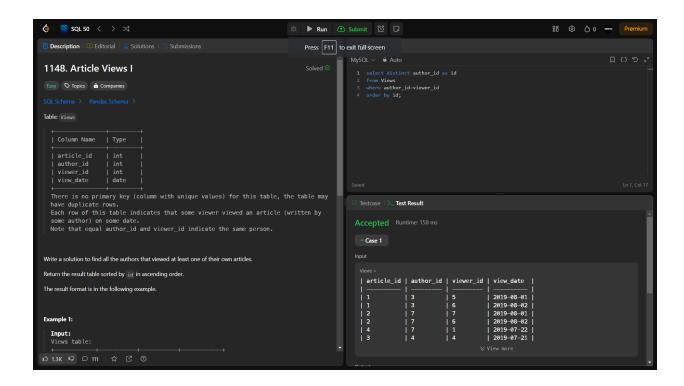
q2:

answer:

```sql
SELECT name
FROM Customer
WHERE referee_id IS NULL OR referee_id <> 2;
```
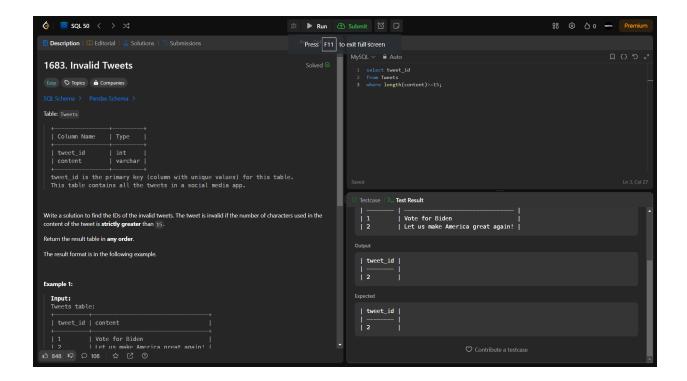
q3:

answer:

```
select name, population, area
from World
where area>=3000000 or population>=25000000;
```
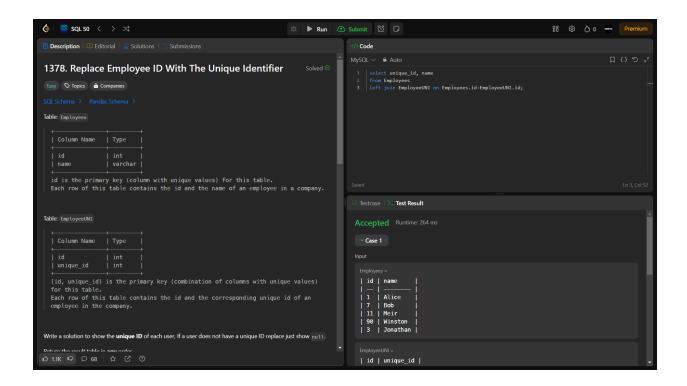
question 4:

answer:

```
select distinct author_id as id
from Views
where author_id=viewer_id
order by id;
```

question 5:

answer:

```
select tweet_id
from Tweets
where length(content)>15;
```

question 6:

answer:

```sql
select unique_id, name
from Employees
left join EmployeeUNI on Employees.id=EmployeeUNI.id;
```