HACKERRANK TASKS

1. <https://www.hackerrank.com/challenges/revising-the-select-query/problem?isFullScreen=true>

SELECT \* FROM CITY WHERE POPULATION > 100000 AND COUNTRYCODE = 'USA'

1. <https://www.hackerrank.com/challenges/revising-the-select-query-2/problem?isFullScreen=true&h_r=next-challenge&h_v=zen>

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

1. <https://www.hackerrank.com/challenges/select-all-sql/problem?isFullScreen=true&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen>

SELECT \* FROM CITY

1. <https://www.hackerrank.com/challenges/select-by-id/problem?isFullScreen=true&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen>  
   SELECT \* FROM CITY WHERE ID = 1661
2. <https://www.hackerrank.com/challenges/japanese-cities-attributes/problem?isFullScreen=true&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen>  
   SELECT \* FROM CITY WHERE COUNTRYCODE = 'JPN'
3. <https://www.hackerrank.com/challenges/japanese-cities-name/problem?isFullScreen=true&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen>  
   SELECT NAME FROM CITY WHERE COUNTRYCODE = 'JPN'
4. <https://www.hackerrank.com/challenges/weather-observation-station-1/problem?isFullScreen=true&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen>  
   SELECT CITY, STATE FROM STATION
5. <https://www.hackerrank.com/challenges/weather-observation-station-3/problem?isFullScreen=true&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen>  
   SELECT DISTINCT CITY FROM STATION WHERE ID%2 = 0
6. <https://www.hackerrank.com/challenges/weather-observation-station-4/problem?isFullScreen=true&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen>  
   SELECT COUNT(CITY) - COUNT(DISTINCT CITY) FROM STATION;
7. <https://www.hackerrank.com/challenges/weather-observation-station-5/problem?isFullScreen=true&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen>  
   SELECT \* FROM (SELECT DISTINCT city, LENGTH(city) FROM station ORDER BY LENGTH(city) ASC, city ASC) WHERE ROWNUM = 1   
   UNION   
   SELECT \* FROM (SELECT DISTINCT city, LENGTH(city) FROM station ORDER BY LENGTH(city) DESC, city ASC) WHERE ROWNUM = 1;
8. <https://www.hackerrank.com/challenges/weather-observation-station-6/problem?isFullScreen=true&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen>  
   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%';
9. <https://www.hackerrank.com/challenges/weather-observation-station-7/problem?isFullScreen=true&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen>  
   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';
10. <https://www.hackerrank.com/challenges/weather-observation-station-8/problem?isFullScreen=true&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen>  
    SELECT DISTINCT CITY FROM  
    (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%')  
    WHERE CITY LIKE '%a' OR CITY LIKE '%e' OR CITY LIKE '%i' OR CITY LIKE '%o' OR CITY LIKE '%u' ;
11. <https://www.hackerrank.com/challenges/weather-observation-station-9/problem?isFullScreen=true&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen>  
    SELECT DISTINCT CITY FROM STATION WHERE not (CITY LIKE 'A%' OR CITY LIKE 'E%' OR CITY LIKE 'I%' OR CITY LIKE 'O%' OR CITY LIKE 'U%');
12. <https://www.hackerrank.com/challenges/weather-observation-station-10/problem?isFullScreen=true&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen>  
    SELECT DISTINCT CITY FROM STATION WHERE NOT (CITY LIKE '%a' OR CITY LIKE '%e' OR CITY LIKE '%i' OR CITY LIKE '%o' OR CITY LIKE '%u');
13. <https://www.hackerrank.com/challenges/weather-observation-station-11/problem?isFullScreen=true&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen>  
    SELECT DISTINCT city FROM station WHERE

(NOT (city LIKE 'A%' OR city LIKE 'E%' OR city LIKE 'I%' OR city LIKE 'O%' OR city LIKE 'U%')

OR NOT(city LIKE '%a' OR city LIKE '%e' OR city LIKE '%i' OR city LIKE '%o' OR city LIKE '%u'));

1. <https://www.hackerrank.com/challenges/weather-observation-station-12/problem?isFullScreen=true&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen&h_r=next-challenge&h_v=zen>  
   SELECT DISTINCT city FROM station WHERE

NOT ((city LIKE 'A%' OR city LIKE 'E%' OR city LIKE 'I%' OR city LIKE 'O%' OR city LIKE 'U%')

OR (city LIKE '%a' OR city LIKE '%e' OR city LIKE '%i' OR city LIKE '%o' OR city LIKE '%u'));