# Hacker rank Questions

| problem name | Solution | question link |
| --- | --- | --- |
| Select All | SELECT \* FROM CITY | https://www.hackerrank.com/challenges/select-all-sql/problem |
| Select By ID | SELECT \* FROM CITY where ID = 1661 ; | https://www.hackerrank.com/challenges/select-by-id/problem |
| Japanese Cities’ Names | SELECT NAME FROM CITY where COUNTRYCODE = “JPN”; | https://www.hackerrank.com/challenges/japanese-cities-name/problem |
| Japanese Cities’ Attributes | Select \* from CITY WHERE COUNTRYCODE = “JPN”; | https://www.hackerrank.com/challenges/japanese-cities-attributes/problem |
| Weather Observation Station 3 | Select DISTINCT CITY from STATION where ID%2=0; | https://www.hackerrank.com/challenges/weather-observation-station-3/problem |
| Departure Flight No. | Select  (Select count(CITY) from STATION)  -  (Select count( DISTINCT( CITY ) ) from STATION) | https://www.hackerrank.com/challenges/weather-observation-station-4/problem |
| Weather Observation Station 8 | 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%') AND (CITY LIKE '%a' OR CITY LIKE '%e' OR CITY LIKE '%i' OR CITY LIKE '%o' OR CITY LIKE '%u') order by city; | https://www.hackerrank.com/challenges/weather-observation-station-8/problem |
| Weather Observation Station 9 | SELECT DISTINCT CITY FROM STATION WHERE upper(SUBSTR(CITY,1,1)) NOT IN ('A','E','I','O','U') AND lower(SUBSTR(CITY,1,1)) NOT IN  ('a','e','i','o','u'); | https://www.hackerrank.com/challenges/weather-observation-station-9/problem |
| Weather Observation Station 10 | SELECT DISTINCT CITY FROM STATION WHERE UPPER(SUBSTR(CITY, LENGTH(CITY), 1)) NOT IN (‘A’,’E’,’I’,’O’,’U’) AND LOWER(SUBSTR(CITY, LENGTH(CITY),1)) NOT IN (‘a’,’e’,’I’,’o’,’u’); | https://www.hackerrank.com/challenges/weather-observation-station-10/problem |
| Employee Salaries | SELECT NAME FROM EMPLOYEE WHERE SALARY > 2000 AND MONTHS < 10 ORDER BY EMPLOYEE\_ID; | https://www.hackerrank.com/challenges/salary-of-employees/problem |
| Employee Names | SELECT NAME FROM EMPLOYEE ORDER BY NAME; | https://www.hackerrank.com/challenges/name-of-employees/problem |
| Higher Than 75 Marks | SELECT Name FROM STUDENTS  WHERE Marks > 75  ORDER BY RIGHT(Name, 3), ID; | https://www.hackerrank.com/challenges/more-than-75-marks/problem |
| Top Earners | SELECT MAX(SALARY\*MONTHS), COUNT(\*)  FROM EMPLOYEE  WHERE (SALARY\*MONTHS) = (SELECT MAX(SALARY\*MONTHS)  FROM EMPLOYEE); | https://www.hackerrank.com/challenges/earnings-of-employees/problem |
| Average Population | Select FLOOR(avg(POPULATION)) from CITY | https://www.hackerrank.com/challenges/average-population/problem |
| Revising the Select Query I | Select \* from CITY WHERE POPULATION > 100000 AND COUNTRYCODE = “USA” | https://www.hackerrank.com/challenges/revising-the-select-query/problem |