Hacker rank SQL

**Q. Query the list of CITY names from STATION that do not start with vowels. Your result cannot contain duplicates.**

**Ans**. SELECT DISTINCT CITY FROM STATION WHERE CITY NOT LIKE 'A%' AND CITY NOT LIKE 'E%' AND CITY NOT LIKE 'I%' AND CITY NOT LIKE 'O%' AND CITY NOT LIKE 'U%'

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**Q. Query the list of CITY names from STATION that do not end with vowels. Your result cannot contain duplicates.**

**Ans**. SELECT DISTINCT CITY FROM STATION WHERE CITY NOT LIKE '%A' AND CITY NOT LIKE '%E' AND CITY NOT LIKE '%I' AND CITY NOT LIKE '%O' AND CITY NOT LIKE '%U'

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**Q. Query the list of CITY names from STATION that either do not start with vowels or do not end with vowels. Your result cannot contain duplicates.**

**Ans**. SELECT DISTINCT CITY FROM STATION WHERE (CITY NOT LIKE 'A%' AND CITY NOT LIKE 'E%' AND CITY NOT LIKE 'I%' AND CITY NOT LIKE 'O%' AND CITY NOT LIKE 'U%') OR (CITY NOT LIKE '%A' AND CITY NOT LIKE '%E' AND CITY NOT LIKE '%I' AND CITY NOT LIKE '%O' AND CITY NOT LIKE '%U')

Amber's conglomerate corporation just acquired some new companies. Each of the companies follows this hierarchy: 

Given the table schemas below, write a query to print the *company\_code*, *founder* name, total number of *lead* managers, total number of *senior* managers, total number of *managers*, and total number of *employees*. Order your output by ascending *company\_code*.

**Note:**

* The tables may contain duplicate records.
* The *company\_code* is string, so the sorting should not be **numeric**. For example, if the *company\_codes* are *C\_1*, *C\_2*, and *C\_10*, then the ascending *company\_codes* will be *C\_1*, *C\_10*, and *C\_2*.

Ans. select company\_code, founder,

(select count(distinct lead\_manager\_code) from Employee where company\_code=c.company\_code)as a,

(select count(distinct senior\_manager\_code) from Employee where company\_code=c.company\_code)as b,

(select count(distinct manager\_code) from Employee where company\_code=c.company\_code)as c,

(select count(distinct employee\_code) from Employee where company\_code=c.company\_code)as d

from Company c

order by company\_code