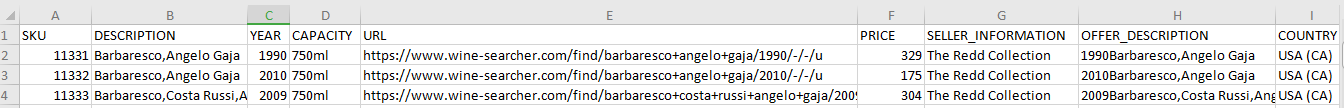
**Bungee Coding Round**

**Problem Statement:-**

You are provided with a file "main.csv" in the input folder. Following operation needs to be provided on the file:-

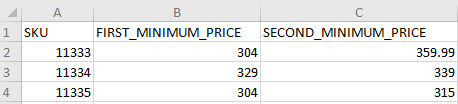
1. Create an output file "filteredCountry.csv" inside a folder named "output". This file should contain only those records where country contains the word USA.

**Expected output:-**



1. Now consider "filteredCountry.csv" as the input file. For each group of "SKU" find 2 minimum prices and store this result in "lowestPrice.csv" inside a folder named "output"

**Expected output:-**



**Submission guidelines:-**

1. You are free to use any coding language.
2. Mention the details that are required to run the code in Github readme file.
3. Fork this repo or create a new Github repo that must contain the following:-
   1. Source code of the solution.
   2. Required output files.
4. Github repo should be public.
5. Link to the Github repo is to be submitted as the answer.

SELECT \* FROM public."Bungee";

INSERT INTO PUBLIC."prices" (ssk, one\_min\_price, second\_min\_price)

SELECT sku, capacity, (SELECT MIN(price) FROM PUBLIC."Bungee") FROM PUBLIC."Bungee";

SELECT

Trim(Translate(price,'$',' ')) as pri,

price from PUBLIC."Bungee";

SELECT \* FROM PUBLIC."Bungee" WHERE sku = '11332';

SELECT MIN(year) FROM PUBLIC."Bungee";

SELECT MIN(year) FROM PUBLIC."Bungee" WHERE year<>(SELECT MIN(year) FROM PUBLIC."Bungee");

COPY

(SELECT \* FROM public."Bungee" WHERE country ilike '%usa%')

TO 'C:\Users\Public\output\filteredCountry.csv'

DELIMITER ','

CSV HEADER;

?///////////////////////////////////////////////////////////////////////////////////////////////////////////

SELECT \* FROM public."Bungee";

INSERT INTO PUBLIC."prices" (ssk, one\_min\_price, second\_min\_price)

SELECT sku, capacity, (SELECT MIN(price) FROM PUBLIC."Bungee") FROM PUBLIC."Bungee";

SELECT \* FROM PUBLIC."prices";

ALTER TABLE PUBLIC."Bungee"

ADD COLUMN prii NUMERIC(6,3);

UPDATE PUBLIC."Bungee" SET pri = CAST(SELECT

Trim(Translate(price,'$',' '))FROM PUBLIC."Bungee"

AS NUMERIC(4,2));

ALTER TABLE PUBLIC."Bungee"

DROP COLUMN pri;

SELECT

CAST(COALESCE(

Trim(Translate(price,

'$abcdefghigklmnopqrstuvwxyz,CH',' ')

)) AS DECIMAL) as pri,

price FROM PUBLIC."Bungee";

SELECT MIN(PRICE) FROM

PUBLIC."Bungee";

ALTER TABLE PUBLIC."Bungee"

ALTER COLUMN pri TYPE NUMERIC(4,2)

USING price::numeric(4,2);

SELECT

Trim(Translate(price,'$',' ')) as pri

FROM public."Bungee";

INSERT INTO PUBLIC."prices"(sku, price)

SELECT sku,

(

SELECT

Trim(Translate(price,'$',' '))

price from PUBLIC."Bungee") FROM PUBLIC."Bungee";

SELECT \* FROM PUBLIC."Bungee" WHERE sku = '11332';

SELECT MIN(year) FROM PUBLIC."Bungee";

SELECT MIN(year) FROM PUBLIC."Bungee" WHERE year<>(SELECT MIN(year) FROM PUBLIC."Bungee");

COPY

(SELECT \* FROM public."Bungee" WHERE country ilike '%usa%')

TO 'C:\Users\Public\output\filteredCountry.csv'

DELIMITER ','

CSV HEADER;

/////////////////////////////////////////////////////////////////////////////////////////////////////////////////

INSERT INTO PUBLIC."star"(id, supes)

VALUES(25, '1336.53@9');

DELETE FROM PUBLIC."star"

WHERE id = 27;

SELECT

Trim(Translate(supes,'$',' ')) as sup,

supes FROM PUBLIC."star";

UPDATE star SET supes = regexp\_replace(supes, '[^\w]+','','g');

////

UPDATE star SET supes = (CAST(regexp\_replace(supes, '[^.0-9]+','','g') AS DECIMAL));

////

UPDATE star SET supes = regexp\_replace(supes, '[a-zA-Z]+','','g');

SELECT

CAST((supes FROM PUBLIC."star") as INTEGER);

SELECT id, MIN(supes) FROM PUBLIC."star"

WHERE

supes<>(SELECT MIN(supes) FROM PUBLIC."star")

GROUP BY id;

SELECT id, MIN(supes) FROM PUBLIC."star"

WHERE supes <> (SELECT MIN(supes) FROM PUBLIC."star")

GROUP BY id;

SELECT MIN(supes)

WHERE supes <>

(SELECT supes FROM PUBLIC."star"

ORDER BY supes ASC LIMIT 2);

SELECT id, MAX(supes) as max\_val, MIN(supes) as min\_val FROM PUBLIC."star" GROUP BY id;

SELECT id, supes FROM PUBLIC."star";

/////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////