Day 5

Problem Statement:

Write a query to print the sum of total investment values in 2016 (TIV_2016), to a scale of 2 decimal places,

for the policy holders who meet the following criteria:

1.Have the same TIV_2015 value as one or more other policyholders.

2. Are not located in the same city as any other policyholder (i.e.: the (latitude, longitude) attribute pairs must be unique).

Input Format: The insurance table is described as follows:

Solution Code:

```
/*Using Ivy sql intership database*/
use ivy_sql_internship;

/*Creating table insurance*/
create table insurance
(PID integer(11), TIV_2015 NUMERIC(15,2), TIV_2016 NUMERIC(15,2), LAT NUMERIC(5,2), LON NUMERIC(5,2));

/*inserting values in the table*/
insert into insurance(PID,TIV_2015,TIV_2016,LAT,LON)
values
('1', '10', '5', '10', '10'),
('2', '20', '20', '20', '20'),
('3', '10', '30', '20', '20'),
('4', '10', '40', '40', '40');

/*Write a query to print the sum of total investment values in 2016 (TIV_2016), to a scale of 2 decimal places,
for the policy holders who meet the following criteria:
1.Have the same TIV_2015 value as one or more other policyholders.
2. Are not located in the same city as any other policyholder (i.e.: the (latitude, longitude) attribute pairs must be unique).
Input Format: The insurance table is described as follows:*/

select sum(TIV_2016) AS TIV_2016
from insurance
where TIV_2015 in (select TIV_2015 from insurance group by TIV_2015 having count(*) > 1)
and
Concat(lat,lon) in (select Concat(lat,lon) from insurance group by Concat(lat,lon) having count(*) = 1)
```

Screenshot of the Code: