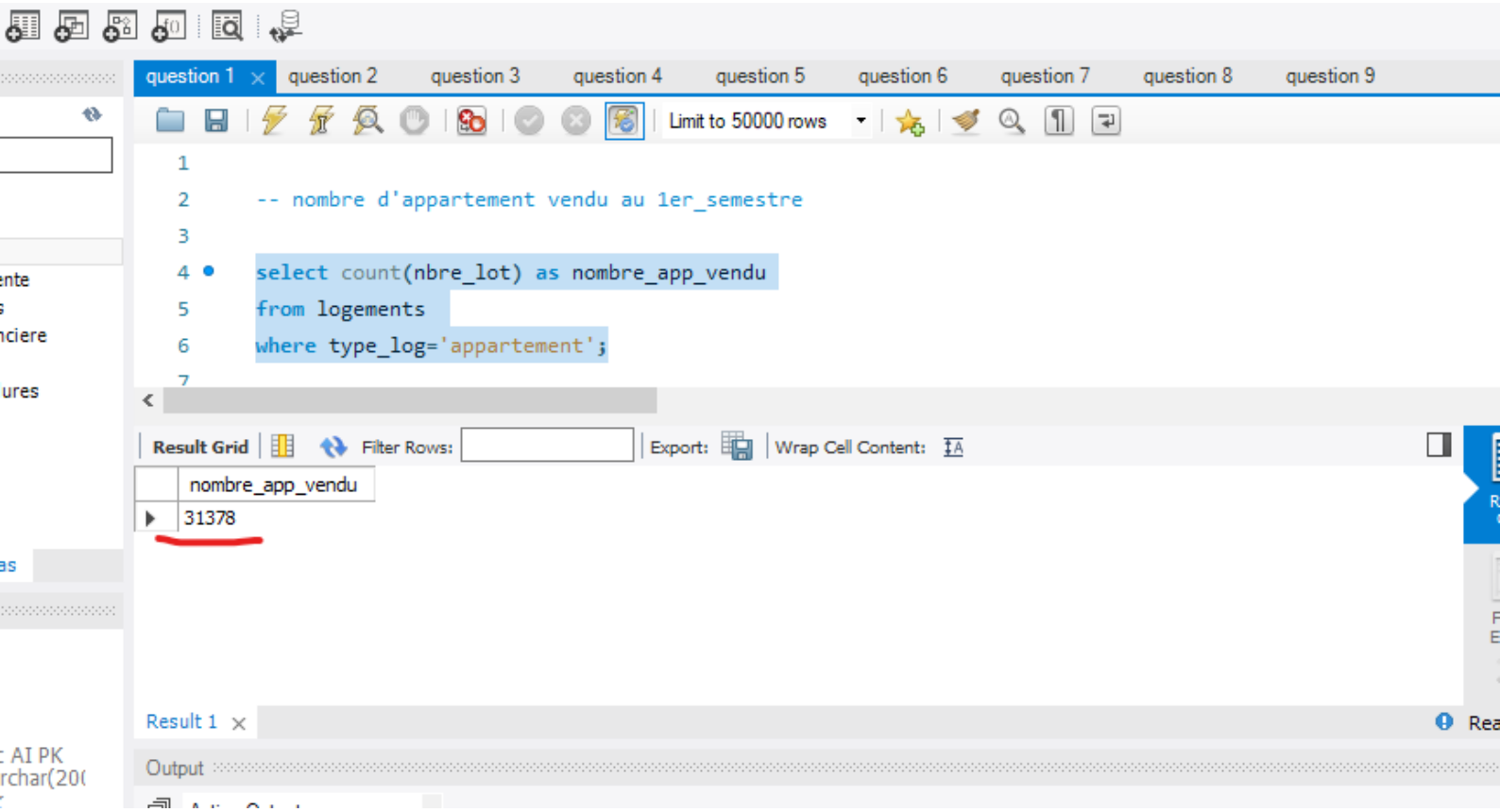
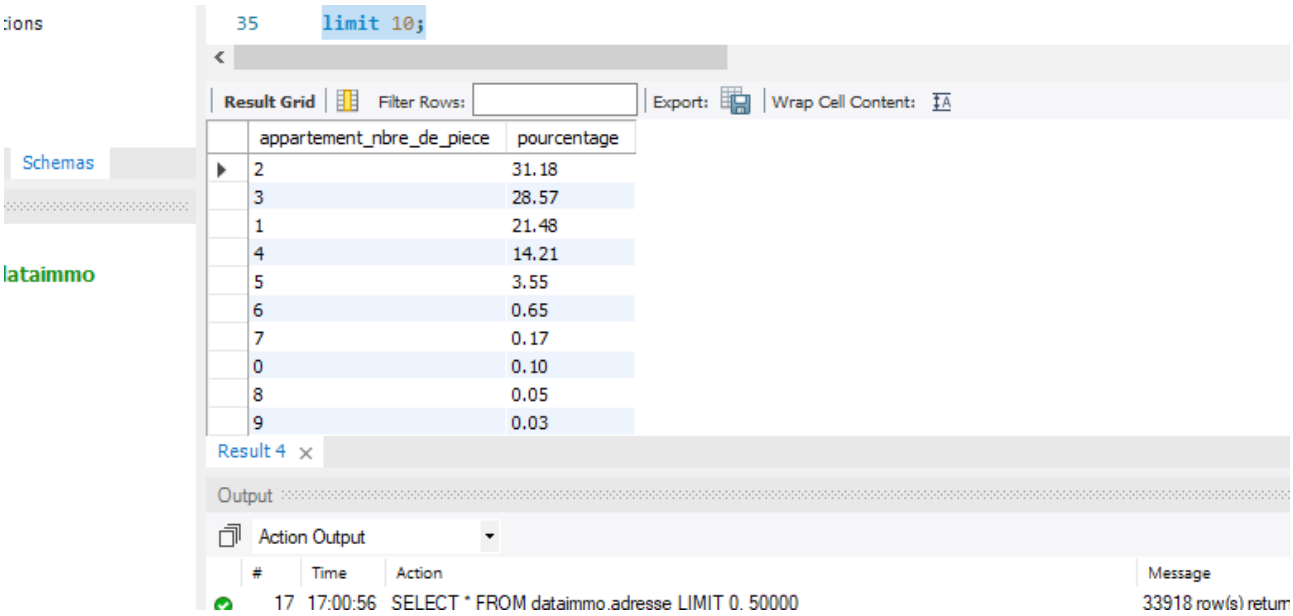
Requête n°1

```
-- nombres d'appartements vendu au 1er_semestre

select  count(nbre_lot) as nombre_app_vendu
from logements
where type_log='appartement';
```



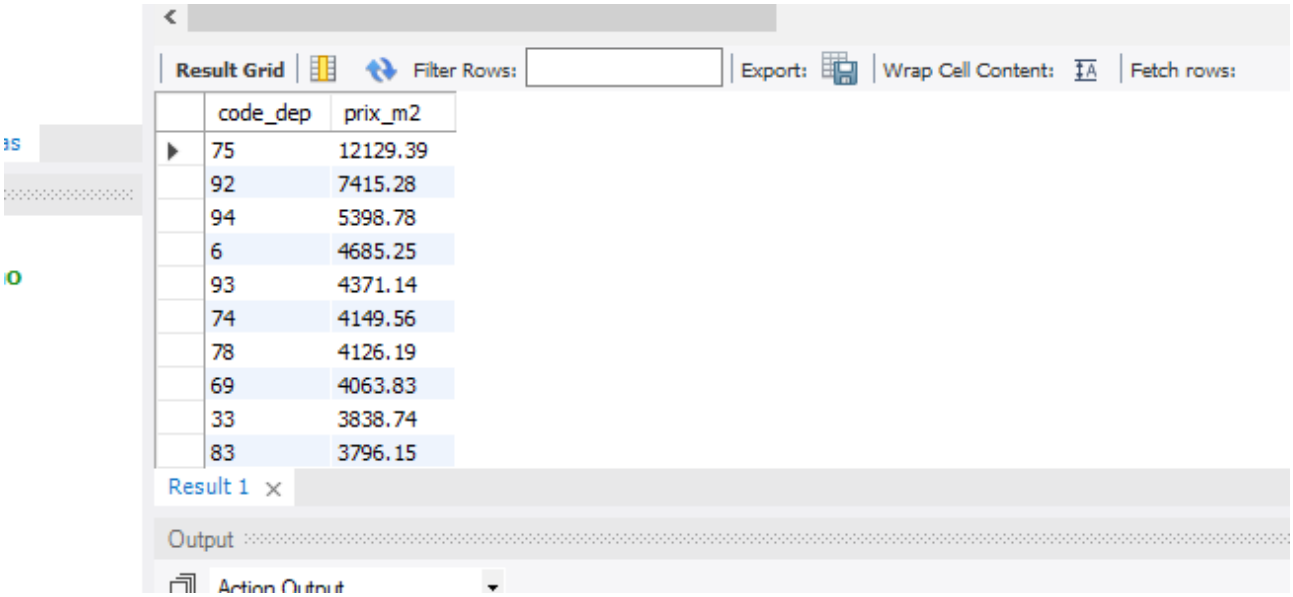
Requête n°2

```
-- nombres totale des appartements en fonction des pièces et son pourcentage

with t1 as (
select count(nbre_lot) as nbre
from logements
where type_log='appartement')

select nbre_de_piece as appartement_nbre_de_piece,
round((count(nbre_de_piece)*100/nbre),2) as pourcentage
from logements, t1
where type_log='appartement'
group by type_log, nbre_de_piece
order by pourcentage desc
limit 10;
```



Requête n°3

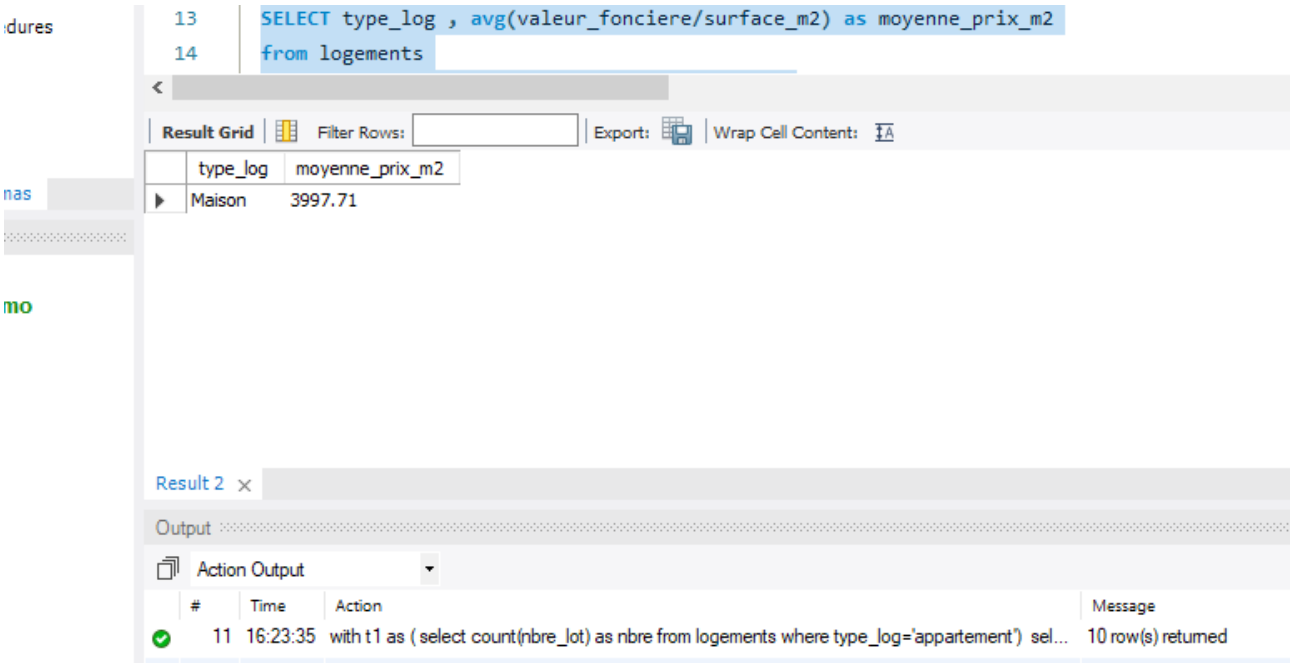
```
-- ordre decroissant des 10 départements en fonction du prix_m2 le plus élevé

SELECT code_dep, round(avg(valeur_fonciere/surface_m2),2) as prix_m2
FROM adresse
natural join logements
natural join valeur_fonciere
group by code_dep
order by prix_m2 desc
limit 10 ;
```



code_dep	prix_m2
75	12129.39
92	7415.28
94	5398.78
6	4685.25
93	4371.14
74	4149.56
78	4126.19
69	4063.83
33	3838.74
83	3796.15

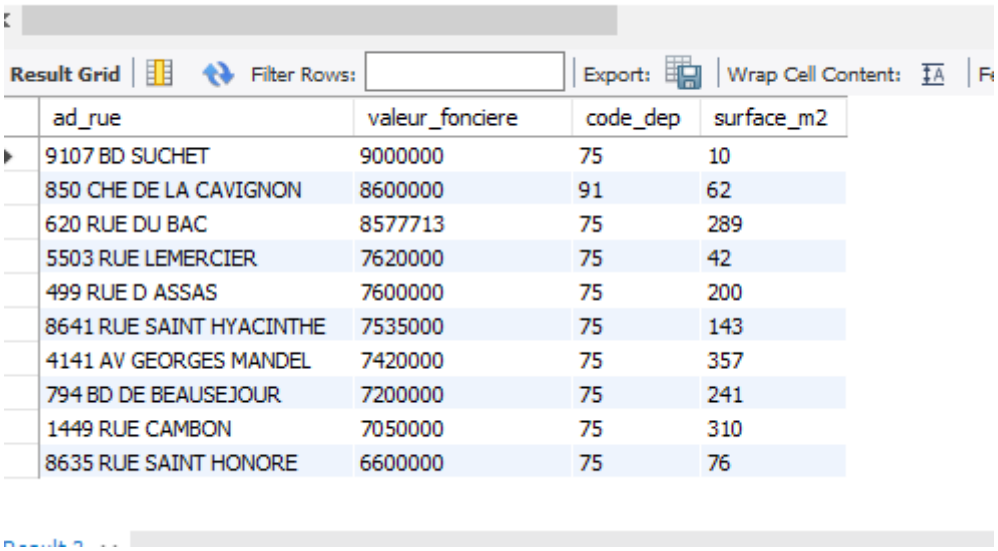
Requête n°4

```
-- prix_m2 moyen d'une maison en île de France

with t1 as (

SELECT type_log , avg(valeur_fonciere/surface_m2) as moyenne_prix_m2
from logements
left join adresse on logements.id= adresse.id
left join valeur_fonciere on logements.id=valeur_fonciere.id
Where type_log='maison' and code_dep in ( '91', '92' , '93' ,'94' , '95' , '75', '77', '78')
group by type_log )

select type_log, round(moyenne_prix_m2,2) as moyenne_prix_m2
from t1;
```



Rêquete n°5

```
-- Liste des 10 appt les plus chers avec le dep et nombre de m_2

select ad_rue,valeur_fonciere, code_dep , surface_m2
from logements
left join adresse on logements.id=adresse.id
left join valeur_fonciere on logements.id=valeur_fonciere.id
where type_log='appartement'
order by valeur_fonciere desc
limit 10;
```



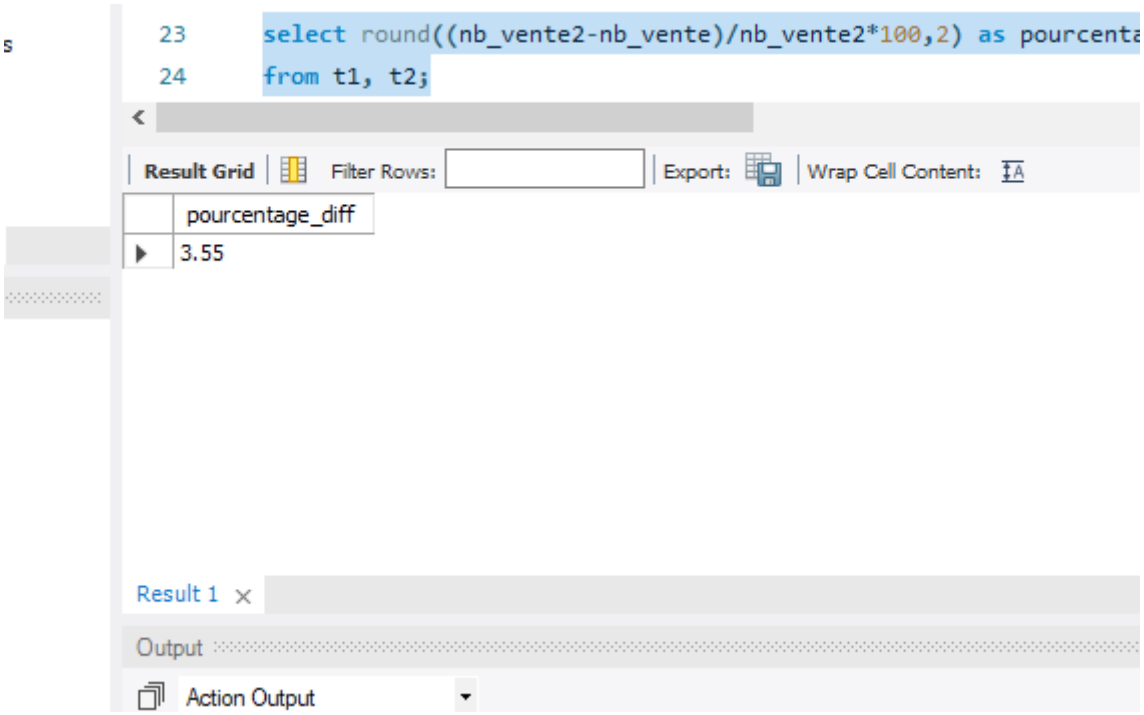
Result Grid | Filter Rows: | Export: | Wrap Cell Content:

ad_rue	valeur_fonciere	code_dep	surface_m2
9107 BD SUCHET	9000000	75	10
850 CHE DE LA CAVIGNON	8600000	91	62
620 RUE DU BAC	8577713	75	289
5503 RUE LEMERCIER	7620000	75	42
499 RUE D ASSAS	7600000	75	200
8641 RUE SAINT HYACINTHE	7535000	75	143
4141 AV GEORGES MANDEL	7420000	75	357
794 BD DE BEAUSEJOUR	7200000	75	241
1449 RUE CAMBON	7050000	75	310
8635 RUE SAINT HONORE	6600000	75	76

Rêquete n°6

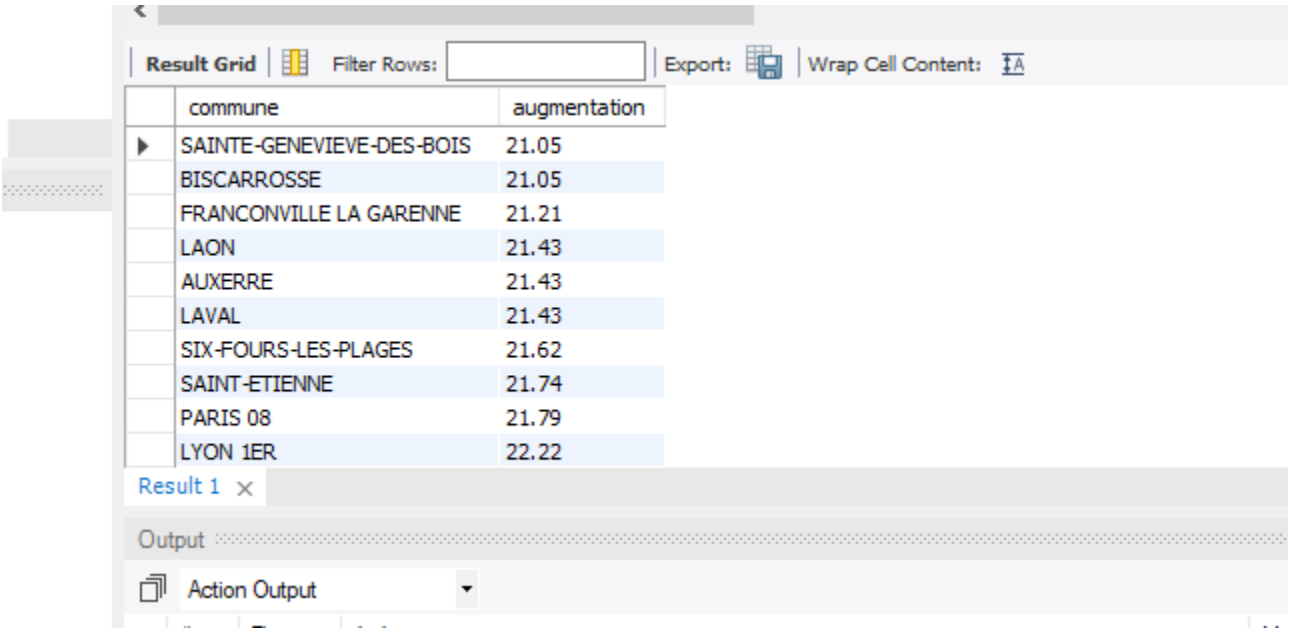
– Taux d’évolution du nombre de vente entre le 1er et le 2e trimestre

```
with t1 as (

SELECT count(nature_mut) as nb_vente
FROM dataimmo.details_vente
where date_vente between '2020-01-02' and '2020-03-31' ),

t2 as ( SELECT count(nature_mut) as nb_vente2
FROM dataimmo.details_vente
where date_vente between '2020-04-01' and '2020-06-30')

select round((nb_vente2-nb_vente)/nb_vente2*100,2) as pourcentage_diff
from t1, t2;
```



Requête n°7

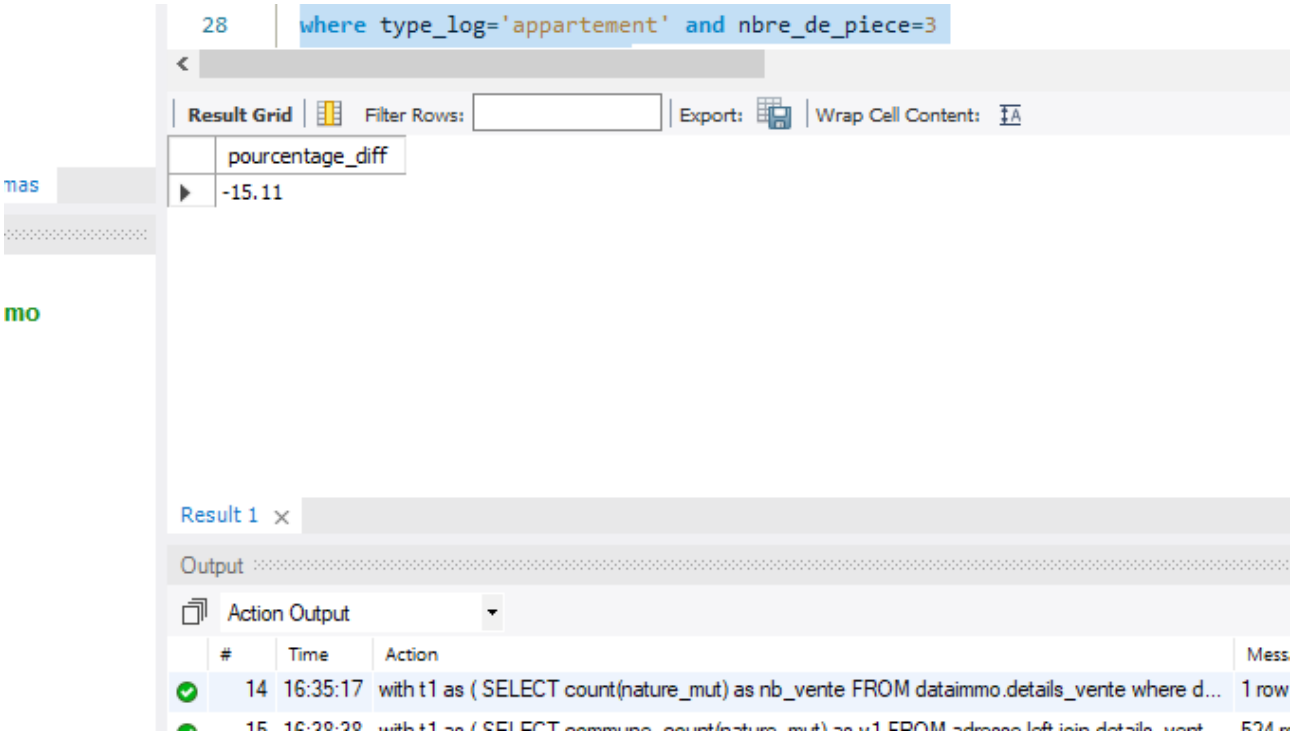
```
-- Liste des communes ou le nombre de vente à augmenté d'au moins 20%

with t1 as (
SELECT commune, count(nature_mut) as v1
FROM adresse
left join details_vente on adresse.id=details_vente.id
where date_vente between '2020-01-02' and '2020-03-31'
group by commune),

t2 as (
SELECT commune, count(nature_mut) as v2
FROM adresse
left join details_vente on adresse.id=details_vente.id
where date_vente between '2020-04-01' and '2020-06-30'
group by commune )

select commune, round(((v2-v1)/v2)*100,2) as augmentation
from t1
natural join t2
having augmentation > 20
order by augmentation asc;
```



Requête n°8

Différence en pourcentage du prix m_2 entre un appt 2 pièce et appt 3 pièce

```
with t1 as (
SELECT nbre_de_piece,
sum(valeur_fonciere/surface_m2)/count(nbre_lot) as prix_Moyen_1 -- ou avg
FROM logements
natural join valeur_fonciere
where type_log='appartement' and nbre_de_piece=3
group by nbre_de_piece),
t2 as (
SELECT nbre_de_piece,
sum(valeur_fonciere/surface_m2)/count(nbre_lot) as prix_Moyen_2 -- ou avg
FROM logements
natural join valeur_fonciere
where type_log='appartement' and  nbre_de_piece=2
group by nbre_de_piece )

select round((prix_moyen_1-prix_moyen_2)/prix_moyen_1*100,2) as pourcentage_diff
from t2,t1
```



Requete n°9

-- Moyenne des valeurs foncières pour le top 3 des communes appartement au département 6, 13 33, 59,69

```
with t1 as (
SELECT commune, code_dep, round(avg(valeur_fonciere),2) as moyenne
from valeur_fonciere
natural join adresse
where code_dep in ( 6, 13, 33, 59, 69 )
group by commune),

t2 as (
select code_dep, commune, moyenne,
rank() over ( partition by code_dep order by moyenne desc) as ordre
from t1 )

select code_dep, commune, moyenne
from t2
where ordre <=3;
```