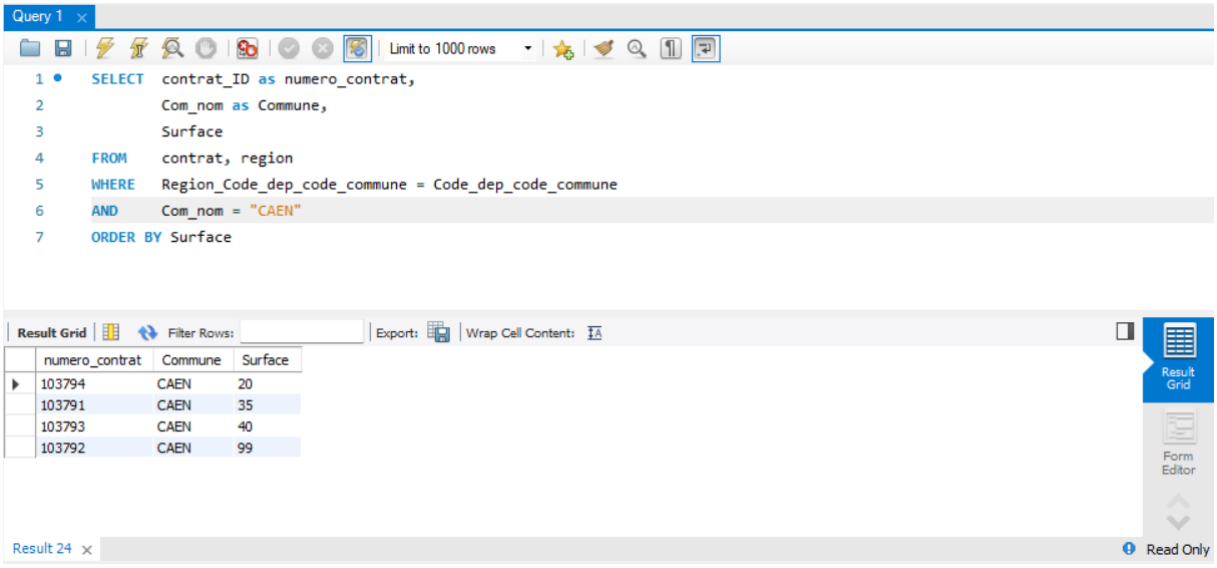
Requêtes SQL

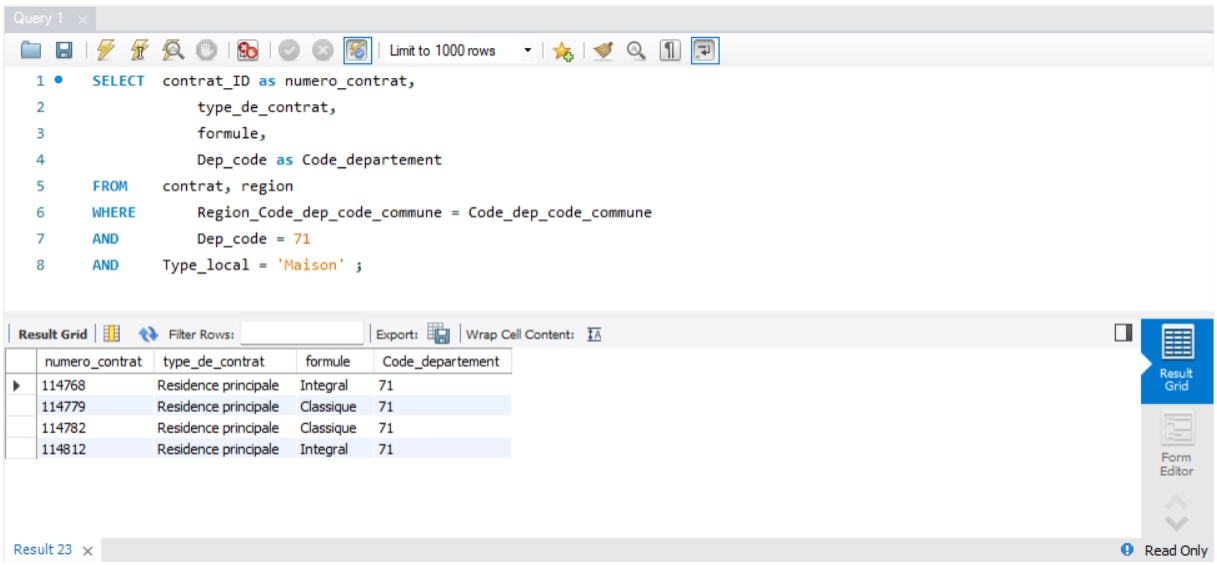
Requête 1 : Lister les numéros de contrats (contrat_ID) avec leur surface pour la commune de Caen.

```
SELECT    contrat_ID as numero_contrat,
          Com_nom as Commune,
          Surface
FROM      contrat, region
WHERE     Region_Code_dep_code_commune =
          Code_dep_code_commune
AND       Com_nom = 'CAEN'
ORDER BY  Surface
```



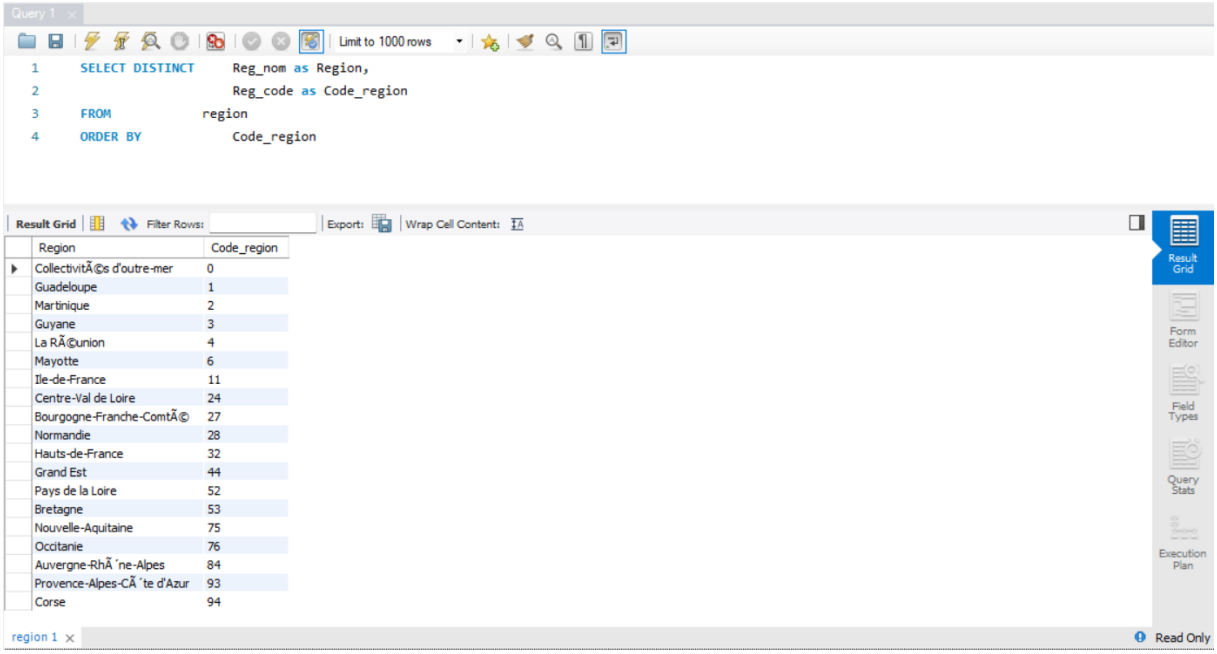
Requête 2 : Lister les numéros de contrats avec le type de contrat et leur formule pour les maisons du département 71.

```
SELECT    contrat_ID as numero_contrat,
          type_de_contrat,
          formule,
          Dep_code as Code_departement
FROM      contrat, region
WHERE     Region_Code_dep_code_commune =
          Code_dep_code_commune
AND       Dep_code = 71
AND       Type_local = 'Maison' ;
```



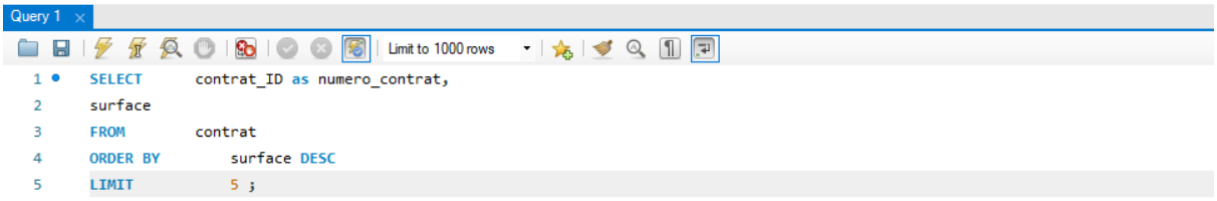
Requête 3 : Lister le nom des régions de France.

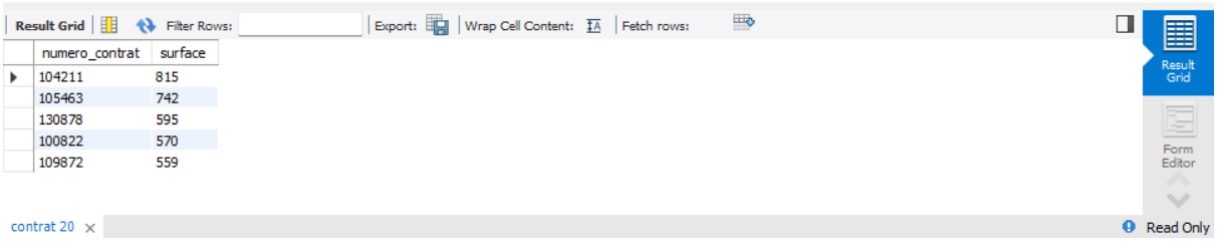
```
SELECT DISTINCT     Reg_nom as Region
                    Code_region
FROM                region
ORDER BY            Code_region
```



Requête 4 : Quels sont les 5 contrats qui ont les surfaces les plus élevées ?

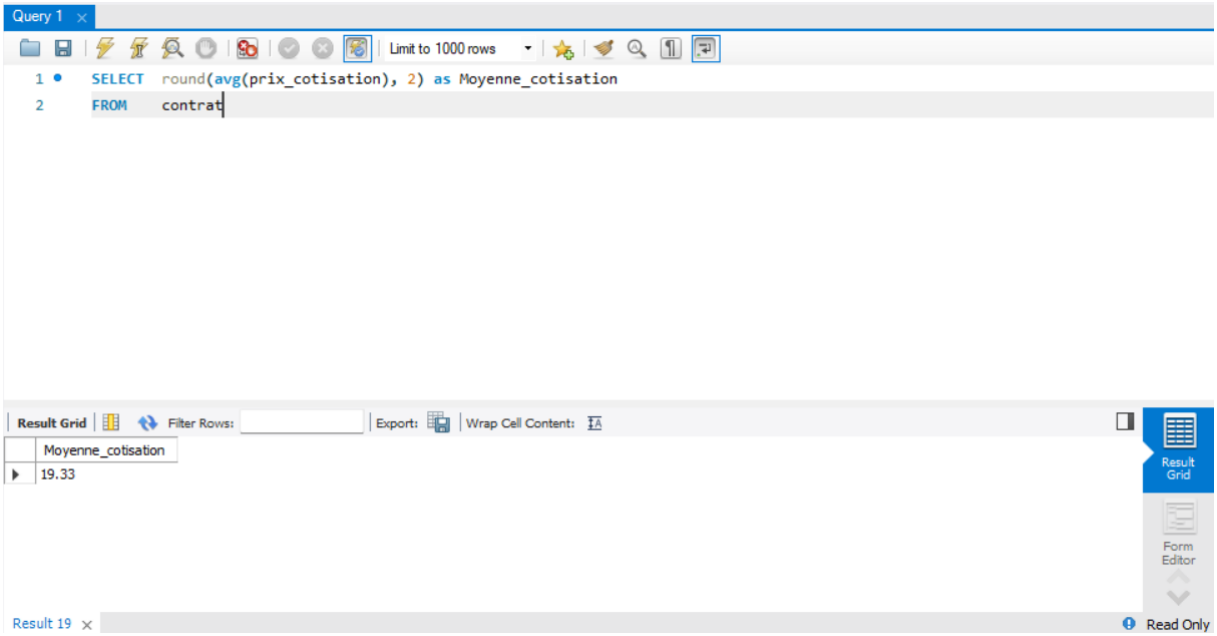
```
SELECT      contrat_ID as numero_contrat,
            Surface
FROM        contrat
ORDER BY    surface DESC
LIMIT       5 ;
```





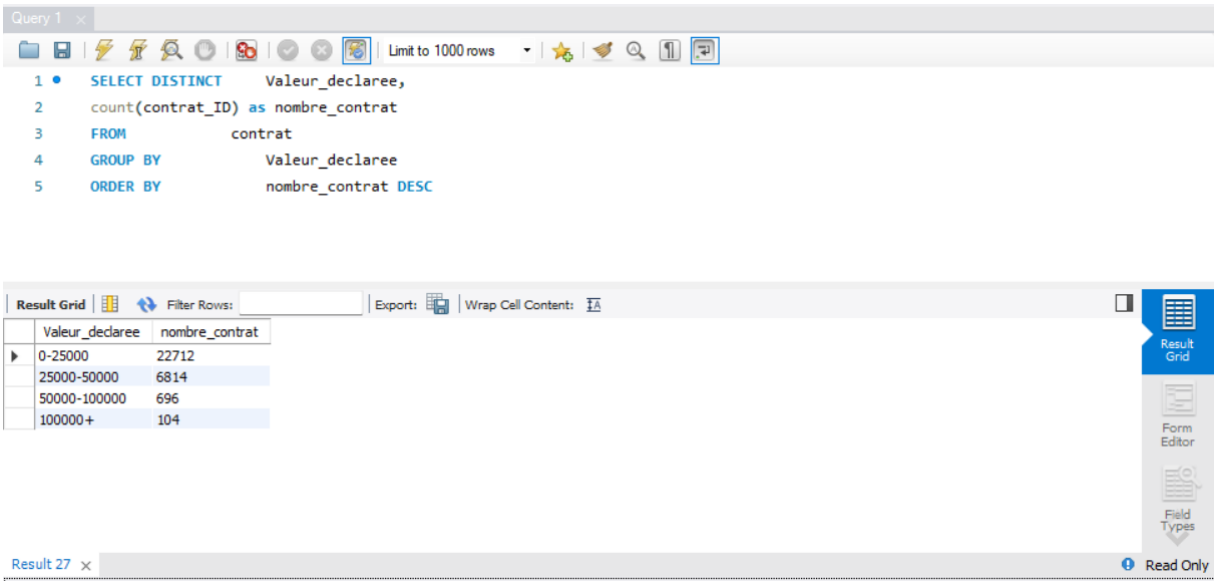
Requête 5 : Quel est le prix moyen de la cotisation mensuelle ?

```
SELECT    round(avg(prix_cotisation), 2) as Moyenne_cotisation
FROM      contrat
```



Requête 6 : Quel est le nombre de contrats pour chaque catégorie de prix de la valeur déclarée des biens ?

```
SELECT DISTINCT     Valeur_declaree,
                    count(*) as nombre_contrat
FROM                contrat
GROUP BY            Valeur_declaree
ORDER BY            nombre_contrat DESC
```



Requête 7 : Quel est le nombre de formule “integral” sur la région Pays de la Loire ?

SELECT Reg_nom as Region,

formule,

count(Contrat_ID) as nombre_contrat

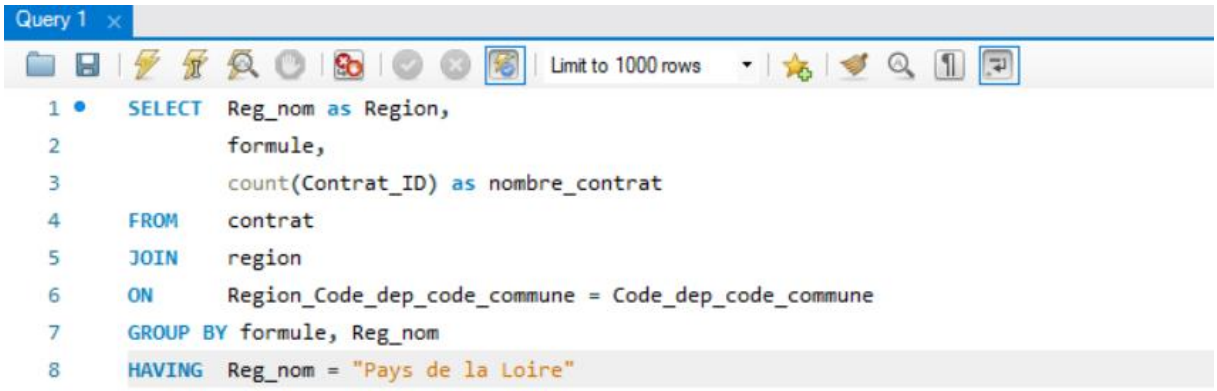
FROM contrat

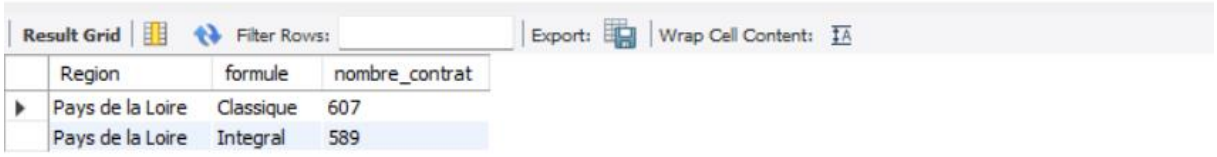
JOIN region

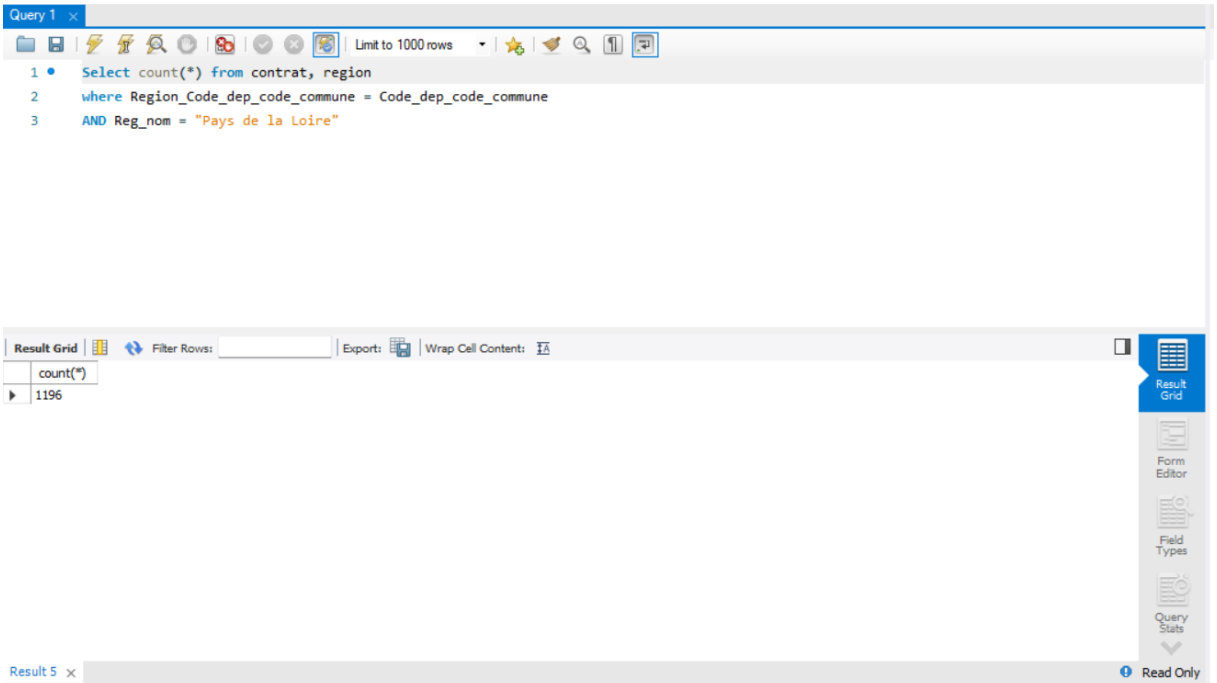
ON Region_Code_dep_code_commune = Code_dep_code_commune

GROUP BY formule, Reg_nom

HAVING Formule = "integral" AND Reg_nom = "Pays de la Loire"

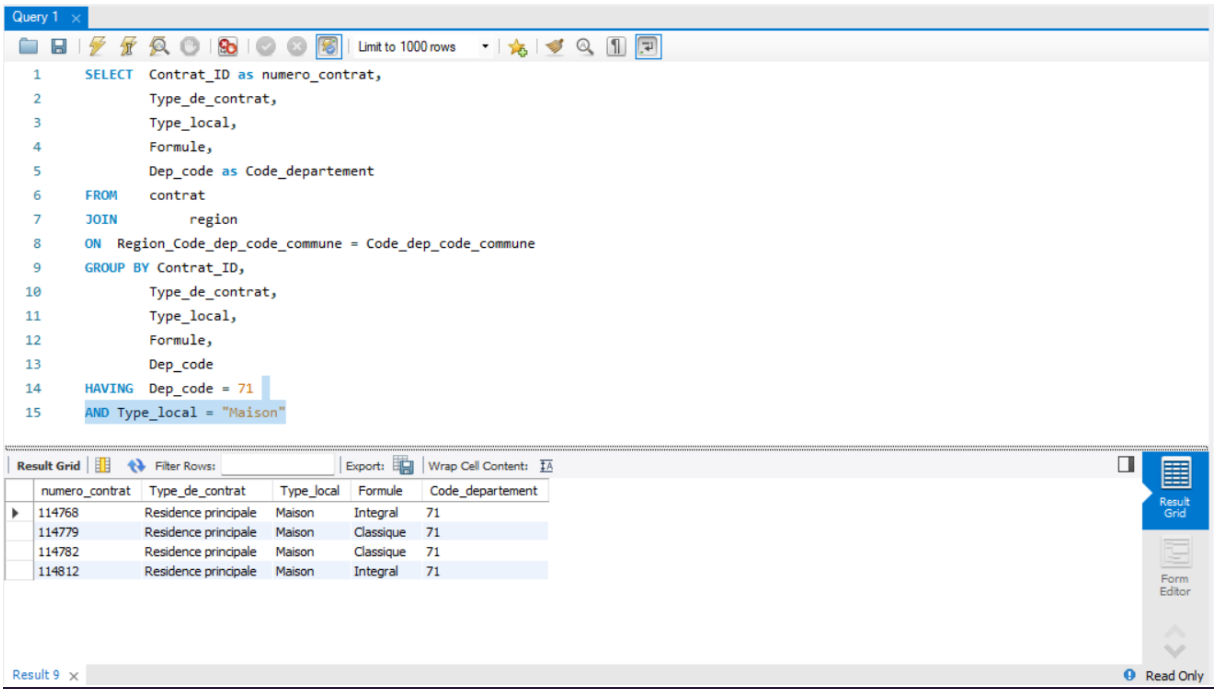






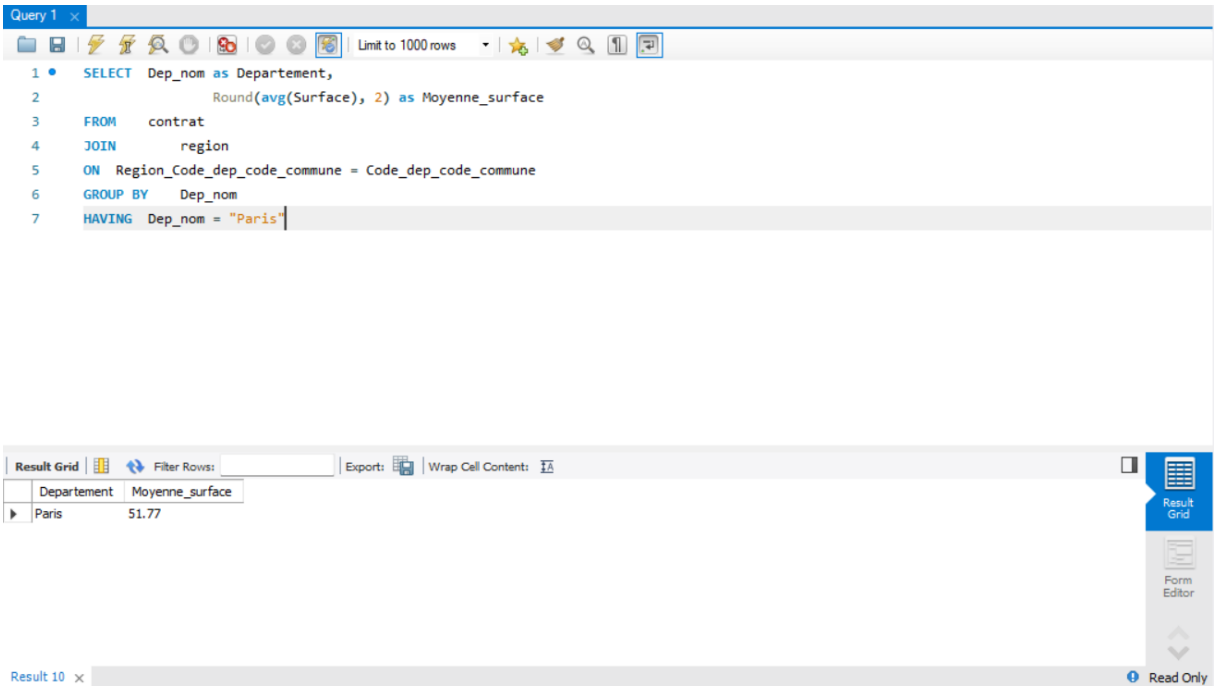
Requête 8 : Lister les numéros de contrats avec le type de contrat et leur formule pour les maisons du département 71.

```
SELECT      Contrat_ID as numero_contrat,
            Type_de_contrat,
            Formule,
            Dep_code as Code_departement
FROM        contrat
JOIN         region
ON          Region_Code_dep_code_commune =
            Code_dep_code_commune
GROUP BY Contrat_ID,
            Type_de_contrat,
            Formule,
            Dep_code
HAVING      Dep_code = 71
AND Type_local = 'Maison'
```



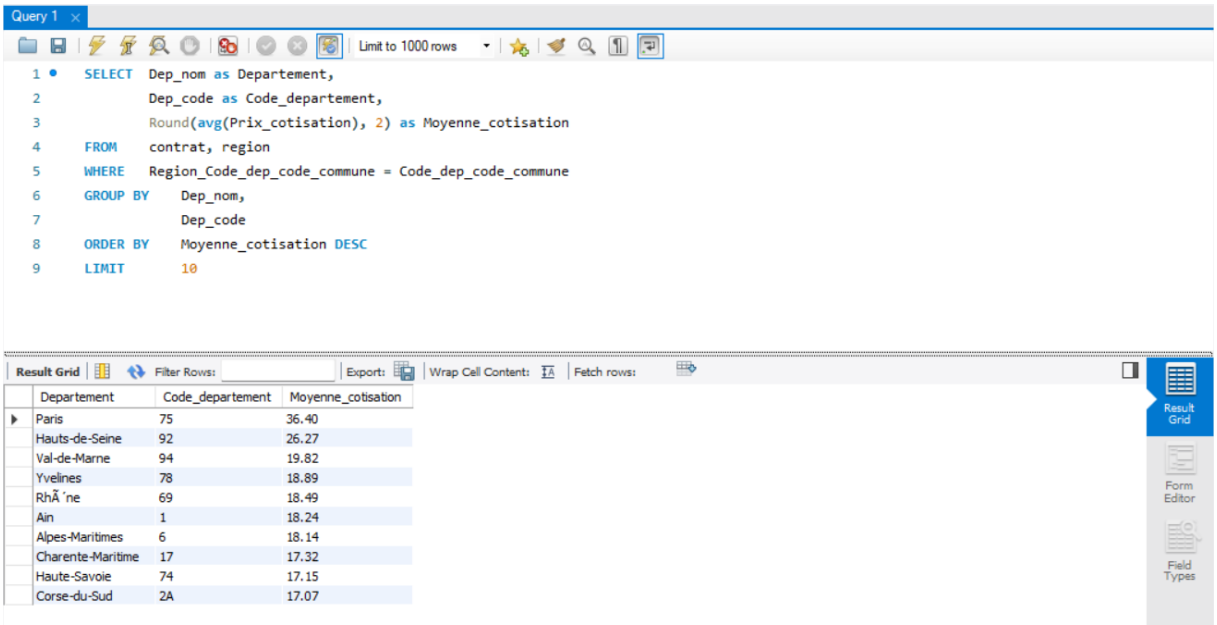
Requête 9 : Quelle est la surface moyenne des contrats à Paris ?

```
SELECT      Dep_nom as Departement,
            Round(avg(Surface), 2) as Moyenne_surface
FROM        contrat
JOIN        region
ON          Region_Code_dep_code_commune = Code_dep_code_commune
GROUP BY    Dep_nom
HAVING      Dep_nom = "Paris"
```



Requête 10 : Classements des 10 départements où le prix moyen de la cotisation est le plus élevé.

```
SELECT      Dep_nom as Departement,
            Dep_code as Code_departement,
            Round(avg(Prix_cotisation), 2) as Moyenne_cotisation
FROM        contrat, region
WHERE       Region_Code_dep_code_commune = Code_dep_code_commune
GROUP BY    Dep_nom
ORDER BY    Moyenne_cotisation DESC
LIMIT       10
```



Query 1

Limit to 1000 rows

```
SELECT  Dep_nom as Departement,
        Dep_code as Code_departement,
        Round(avg(Prix_cotisation), 2) as Moyenne_cotisation
FROM    contrat, region
WHERE   Region_Code_dep_code_commune = Code_dep_code_commune
GROUP BY    Dep_nom,
            Dep_code
ORDER BY    Moyenne_cotisation DESC
LIMIT       10
```

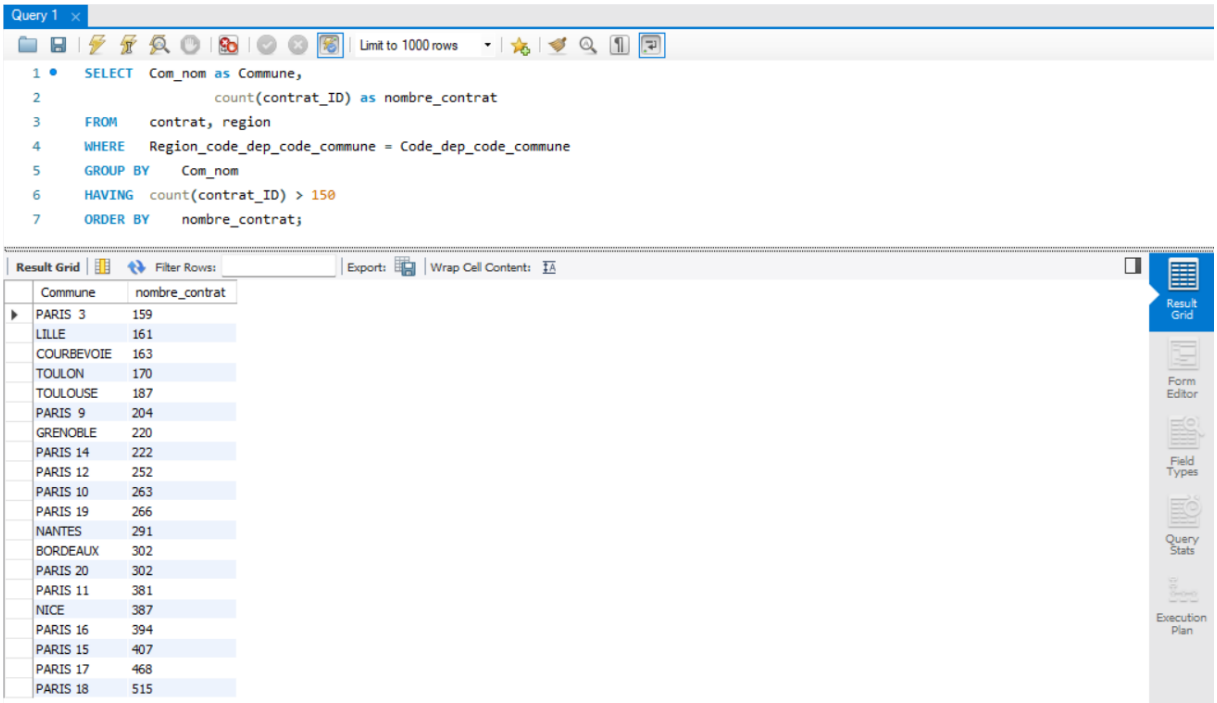
Result Grid | Filter Rows: | Export: | Wrap Cell Content: | Fetch rows:

Departement	Code_departement	Moyenne_cotisation
Paris	75	36.40
Hauts-de-Seine	92	26.27
Val-de-Marne	94	19.82
Yvelines	78	18.89
RhÃ´ne	69	18.49
Ain	1	18.24
Alpes-Maritimes	6	18.14
Charente-Maritime	17	17.32
Haute-Savoie	74	17.15
Corse-du-Sud	2A	17.07

Result Grid | Form Editor | Field Types

Requête 11 : Liste des communes ayant eu au moins 150 contrats.

```
SELECT      Com_nom as Commune,
            count(contrat_ID) as nombre_contrat
FROM        contrat, region
WHERE       Region_code_dep_code_commune =
            Code_dep_code_commune
GROUP BY    Com_nom
HAVING      count(contrat_ID) > 150
ORDER BY    nombre_contrat;
```



Requête 12 : Quel est le nombre de contrats pour chaque région ?

```
SELECT      DISTINCT Reg_nom as Region,
            count(Contrat_ID) as nombre_contrat
FROM        contrat, region
WHERE       Region_Code_dep_code_commune =
            Code_dep_code_commune
GROUP BY Reg_nom
ORDER BY nombre_contrat ;
```