

Travaux effectués

A retenir

```
SELECT datname FROM  
pg_database WHERE datdba  
IN (SELECT usesysid FROM  
pg_user WHERE username=  
'nom de connexion');
```

```
SELECT * FROM client;
```

```
SELECT cli_nom FROM  
client;
```

```
SELECT DISTINCT  
(cde_commande) FROM  
commande;
```

```
SELECT HugoLejeune=# SELECT datname FROM pg_database WHERE datdba IN (SELECT usesysid FROM pg_user WHERE username='HugoLejeune')  
datname  
-----  
test  
HugoLejeune  
(1 row)
```

```
HugoLejeune=# SELECT * FROM client;  
cli_id | cli_nom | cli_prenom | cli_datent  
-----  
1 | dupont | jean | 2014-07-07  
2 | durand | sophie | 2013-10-08  
3 | droulet | manon | 1995-05-09  
4 | talon | marc | 1999-10-22  
5 | talon | sophie | 2004-11-16  
6 | tallex | vincent | 2005-06-21  
15 | terrieur | alex | 2002-05-02  
16 | dumat | michel | 1992-01-05  
17 | pignon | robert | 1978-09-05  
18 | oran | paul | 2002-12-11  
19 | blanc | laurent | 1985-09-28  
(11 rows)
```

```
cli_nom  
-----  
dupont  
durand  
droulet  
talon  
talon  
tallex  
terrieur  
dumat  
pignon  
oran  
blanc  
(11 rows)
```

```
cde_date  
-----  
2014-07-11  
2014-07-08  
2014-07-07  
2014-07-09  
(4 rows)
```

4) Sert à afficher toutes les bases de données d'un utilisateur

9)a)

9)b)

9)c)

```
SELECT cli_prenom FROM
client WHERE cli_prenom
LIKE 'sophie';
```

```
cli_prenom
-----
sophie
sophie
(2 rows)
```

9)d)

```
SELECT art_id, cde_qte
FROM commande WHERE
cli_id=1;
```

```
art_id | cde_qte
-----+-----
      1 |      5
      3 |      5
      2 |      8
(3 rows)
```

9)e)

```
SELECT upper (cli_nom)
FROM client;
```

```
upper
-----
DUPONT
DURAND
DROULET
TALON
TALON
TALLEUX
TERRIEUR
DUMAT
PIGNON
ORAN
BLANC
(11 rows)
```

9)f) upper sert
à afficher le
nom des client
en majuscule

```
SELECT cli_nom FROM client
WHERE upper(cli_nom)='%';
```

```
cli_nom
-----
(0 rows)
```

9)g)

```
SELECT cli_nom FROM client
WHERE LENGTH(cli_nom)
BETWEEN 1 AND 5;
```

```
cli_nom
-----
talon
talon
dumat
oran
blanc
(5 rows)
```

9)h) length sert
à calculer la
longueur d'un
mot

```
SELECT cli_nom FROM client
WHERE cli_nom LIKE 't_1%';
```

```
cli_nom
-----
talon
talon
talleux
(3 rows)
```

9)i)

```
SELECT cli_id, art_id,
cde_date, cde_date +
integer '15' AS
date_paiement FROM
commande;
```

cli_id	art_id	cde_date	date_paiement
1	1	2014-07-07	2014-07-22
1	3	2014-07-07	2014-07-22
1	2	2014-07-08	2014-07-23
2	1	2014-07-07	2014-07-22
4	6	2014-07-07	2014-07-22
5	5	2014-07-08	2014-07-23
6	4	2014-07-09	2014-07-24
4	5	2014-07-08	2014-07-23
5	4	2014-07-07	2014-07-22
5	7	2014-07-07	2014-07-22
15	18	2014-07-11	2014-07-26
15	19	2014-07-11	2014-07-26
17	16	2014-07-11	2014-07-26
16	15	2014-07-11	2014-07-26
19	17	2014-07-11	2014-07-26

(15 rows)

9)j)

```
SELECT cli_nom,
cli_prenom, cli_datent
FROM client ORDER BY
cli_datent ASC;
```

cli_nom	cli_prenom	cli_datent
pignon	robert	1978-09-05
blanc	laurent	1985-09-28
dumat	michel	1992-01-05
droulet	manon	1995-05-09
talon	marc	1999-10-22
terrieur	alex	2002-05-02
oran	paul	2002-12-11
talon	sophie	2004-11-16
talleux	vincent	2005-06-21
durand	sophie	2013-10-08
dupont	jean	2014-07-07

(11 rows)

9)k) Version 1

```
SELECT cli_nom, cli_prenom
CURRENT_TIMESTAMP-
cli_datent FROM client
ORDER BY cli_datent ASC;
```

cli_nom	cli_prenom	?column?
pignon	robert	15756 days 14:49:14.619479
blanc	laurent	13176 days 14:49:14.619479
dumat	michel	10886 days 13:49:14.619479
droulet	manon	9666 days 14:49:14.619479
talon	marc	8839 days 14:49:14.619479
terrieur	alex	7116 days 14:49:14.619479
oran	paul	6893 days 13:49:14.619479
talon	sophie	6187 days 13:49:14.619479
talleux	vincent	5970 days 14:49:14.619479
durand	sophie	2939 days 14:49:14.619479
dupont	jean	2667 days 14:49:14.619479

(11 rows)

9)k) Version 2

```
SELECT CURRENT_TIMESTAMP;
```

current_timestamp
2021-10-25 14:53:30.57537+02

(1 row)

9)l)

```
ALTER TABLE commande ALTER
COLUMN cde_qte TYPE
integer USING
(cde_qte::integer);
```

Sert a changer
un type de
varchar a entier

```
SELECT MAX(cde_qte) AS
cde_qte_max FROM commande;
```

cde_qte_max
12

(1 row)

9)m)

```
SELECT SUM (cde_qte) AS
cde_qte_total_client1 FROM
commande WHERE cli_id=1;
```

```
cde_qte_total_client1
-----
18
(1 row)
```

9)n)

```
SELECT ROUND(AVG(cde_qte),
2) AS
cde_qte_moyenne_client2
FROM commande WHERE
cli_id=2;
```

```
cde_qte_moyenne_client2
-----
5.00
(1 row)
```

9)o)

```
SELECT cli_id, cli_nom,
cli_prenom FROM client
ORDER BY cli_nom ASC;
```

```
cli_id | cli_nom | cli_prenom
-----+-----+-----
19 | blanc | laurent
3 | droulet | manon
16 | dumat | michel
1 | dupont | jean
2 | durand | sophie
18 | oran | paul
17 | pignon | robert
6 | tallex | vincent
4 | talon | marc
5 | talon | sophie
15 | terrieur | alex
(11 rows)
```

9)p)

```
SELECT * FROM article
ORDER BY art_prix DESC;
```

```
art_id | art_des | art_prix
-----+-----+-----
7 | stylo plume | 12
4 | ciseaux | 6
5 | règle 30 cm | 4
8 | feutre tableau blanc | 4
19 | bloc note | 3
3 | feutre rouge | 3
6 | règle 20 cm | 3
1 | crayon de bois | 3
15 | fluo orange | 2
17 | surligneur | 2
18 | quatre couleurs | 2
2 | crayon de couleur | 2
16 | crayon de bois | 1
(13 rows)
```

9)q)