TP N°1 BDDA (Master 1 Tron Commun Informatique)

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Toutes les requêtes suivantes sont précédées par :

```
USE Pubs;
GO
```

Pour indiquer aux SGBD qu'il doit utiliser la base 'Pubs'.

Requête N° 1 :

```
SELECT *
FROM authors
GO
```

Requête N° 2 :

```
SELECT au_lname,city,zip
FROM authors
WHERE zip>90000
GO
```

Requête N° 3 :

```
SELECT title,pubdate AS 'Date publication'
FROM titles
WHERE YEAR(pubdate)=1991
GO
```

Requête N° 4 :

```
SELECT title,price
FROM titles
WHERE price<101 AND price>24
GO
```

Requête N° 5 :

```
SELECT emp_id,lname,job_lvl
FROM employee
WHERE job_lvl=35 OR job_lvl=100 OR job_lvl=200
GO
```

Requête N° 6 :

```
SELECT title_id,title
FROM titles
WHERE title LIKE '%computer%'
GO
```

Requête N° 7 :

```
SELECT pub_id,pub_name,city
FROM publishers
WHERE city=NULL
GO
```

Requête N° 8 :

```
SELECT title_id,title,pub_id,pubdate
FROM titles
WHERE title LIKE 'L*' OR pub_id=877
GO
```

Requête N° 9 :

```
SELECT DISTINCT city
FROM authors
GO
```

Requête N° 10 :

```
SELECT pub_id,title,price
FROM titles
ORDER BY price DESC
GO
```

Requête N° 11 :

```
SELECT title,price,12 AS Augmentation,price*1.12 AS newprice
FROM titles
GO
```

Requête N° 12 :

```
SELECT title_id,(price*royalty)/100 AS Droits
FROM titles
WHERE (price*royalty)/100=round(((price*royalty)/100),0)
GO
```

Requête N° 13 :

```
SELECT titles.title_id,SUM(sales.qty) AS 'Nb exmeplaires'
FROM titles,sales
WHERE titles.title_id=sales.title_id
GROUP BY titles.title_id
HAVING SUM(sales.qty)>30
GO
```

Requête N° 14 :

```
SELECT au_lname,title
FROM titles,authors,titleauthor
WHERE titles.title_id=titleauthor.title_id AND
authors.au_id=titleauthor.au_id
GO
```

Requête N° 15 :

```
SELECT au_lname,au_fname
FROM authors,titleauthor
WHERE state='CA' AND authors.au_id=titleauthor.au_id
GROUP BY authors.au_id,au_lname,au_fname
HAVING (SUM(royaltyper))/COUNT(authors.au_id)=100
GO
```

Requête N° 16 :

```
SELECT titles.title_id,title
FROM titles,sales
WHERE titles.title_id=sales.title_id
GROUP BY titles.title_id,title
HAVING SUM(sales.qty)>0
GO
```

Requête N° 17 :

```
SELECT titles.title_id,title,SUM(sales.qty) AS 'total vendu'
FROM titles,sales
WHERE titles.title_id=sales.title_id
GROUP BY titles.title_id,title
GO
```

Requête N° 18 :

```
SELECT titles.title_id,title,SUM(sales.qty) AS 'Quantité'
FROM titles,sales
WHERE titles.title_id=sales.title_id
GROUP BY titles.title_id,title
HAVING SUM(sales.qty)>35
GO
```

Requête N° 19 :

```
SELECT DISTINCT titles.title_id,title,sales.qty AS 'Quantité'
FROM titles,sales
WHERE titles.title_id=sales.title_id AND sales.qty>20
GO
```

Requête N° 20 :

```
SELECT titles.title_id,title,sales.qty AS 'Quantité'
FROM titles,sales
WHERE titles.title_id=sales.title_id AND titles.title_id NOT IN
(
SELECT title_id
FROM sales
WHERE qty<=30
)
GO
```

Requête N° 21 :

```
CREATE VIEW moyenne AS
(
SELECT AVG(qty) AS moy
FROM sales
)
GO
SELECT stor_id,ord_num,ord_date,qty,payterms,title_id
FROM sales,moyenne
WHERE qty<moy
GO
DROP VIEW moyenne
GO
```

Requête N° 22 :

```
SELECT stores.stor_id,stor_name,SUM(qty) AS 'Nombre ventes'
FROM sales,stores
WHERE sales.stor_id=stores.stor_id
GROUP BY stores.stor_id,stor_name
GO
```

Requête N° 23 :

```
SELECT stores.stor_id,stor_name,title,qty
FROM stores,sales,titles
WHERE titles.title_id=sales.title_id AND stores.stor_id=sales.stor_id AND
qty>=ALL (SELECT qty FROM sales)
GO
```