

## 第一大題:資料庫類型

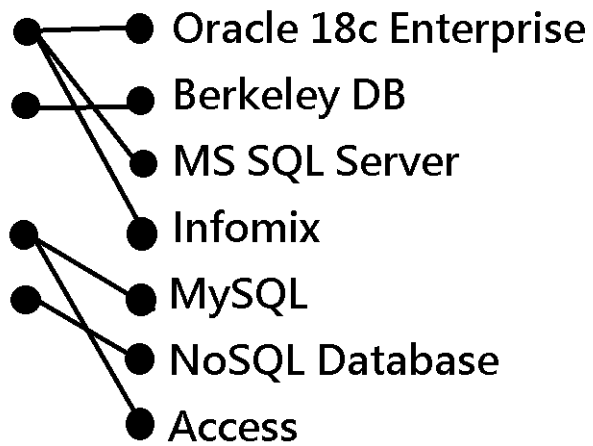
### 資料庫類型

a.大型標準版本

b.使用於簡單而大量的資料  
(如:名稱DB)

c.免費、開放

d.非SQL結構



## 第二大題:名詞解釋

(一) Listener:Client 與 Database Server 之間的溝通橋樑。

(二) Process:處理程式

(三) RDBMS:Relational Database Management System，關聯式資料庫管理系統

(四) Client/Server:主從式，若主機的資料庫壞掉，PC 仍可暫存或進行作業。

(五) DBA:資料庫管理員，負責管理、更新、維護資料庫。

## 第三大題:SQL 指令實作

SQL Fiddle MySQL 5.6 View Sample Fiddle Clear Text to DDL Donate About

```

1 -- borrowed from https://stackoverflow.com/q/7745609/808921
2
3 CREATE TABLE IF NOT EXISTS `docs` (
4   `id` int(6) unsigned NOT NULL,
5   `rev` int(3) unsigned NOT NULL,
6   `content` varchar(200) NOT NULL,
7   PRIMARY KEY (`id`,`rev`)
8 ) DEFAULT CHARSET=utf8;
9 INSERT INTO `docs` (`id`,`rev`,`content`) VALUES
10 ('1','1','The earth is flat'),
11 ('2','1','One hundred angels can dance on the head of a pin'),
12 ('1','2','The earth is flat and rests on a bull\'s horn'),
13 ('1','3','The earth is like a ball.');
```

1 show tables

Build Schema Edit Fullscreen Browser Run SQL Edit Fullscreen

Tables\_in\_db\_9\_a6c585

docs

Record Count: 1; Execution Time: 13ms link

Did this query solve the problem? If so, consider donating \$5 to help make sure SQL Fiddle will be here next time you need help with a database problem. Thanks!

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```

1 select \*  
2 from docs

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id	rev	content
1	1	The earth is flat
1	2	The earth is flat and rests on a bull's horn
1	3	The earth is like a ball.
2	1	One hundred angels can dance on the head of a pin

Record Count: 4; Execution Time: 12ms View Execution Plan link

Did this query solve the problem? If so, consider donating \$5 to help make sure SQL Fiddle will be here next time you need help with a database problem. Thanks!

- 欄位名稱:column name
- 欄位資料型別:該欄位的 data type，如:int、char。
- Char 與 varchar 差別: char 固定字串大小、varchar 變動字串大小，  
若資料字串長度一致用 char，若不一致用  
varchar。
- int(10):數字長度固定為 10 位，