# Database System Lab 1

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## 实验目的

* 通过安装某个数据库管理系统，初步了解DBMS的运行环境。
* 了解DBMS交互界面、图形界面和系统管理工具的使用。
* 搭建实验平台

## 实验平台：

* MySQL（全平台）

网上教程<http://www.runoob.com/mysql/mysql-tutorial.html>

## 实验内容

1. 下载并安装MySQL数据库
2. 以root用户登录MySQL
3. 在MySQL中新建一个数据库，并查询当前所有数据库名称

## 实验步骤

（根据实验说明中的实验步骤，将每个步骤中输入的sql语句和输出结果截图）

1. **MySQL数据库的下载和安装：**

* I downloaded the MySQL installation file corresponding to my operating system on the MySQL official website, and found that the winx86 file package was not available. exe file, you need to implement the installation through the command line.
* After storing the file package in the corresponding path, use cmd to open the console, enter the / bin of the corresponding folder, and enter the command: mysqld -install to successfully install.
* After displaying Service successfully installed, Enter net start MySQL could not start the service; then, after consulting the relevant information, you must enter mysqld  --initialize.
* A data folder will be generated in the root directory of mysql, which contains a file ending with .err. The initial password is in this file, which will be used later.
* Start the MySQL service: In the bin directory of mysql8 (at this time in the MySQL bin directory), enter the command net start mysql.

## 实验感想