

《数据库系统实验》实验报告

题目	实验6
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一.实验环境

操作系统：Windows 10

应用：MySQL Workbench 8.0 CE

二.实验内容与完成情况

1. 创建名为RONALDO,密码为NIKE的用户，然后显示MySQL中user表的内容。

```
create user RONALDO identified by 'NIKE';
```

Host	User	Select_priv	Insert_priv	Update_priv	Delete_priv	Create_priv	Drop_priv	Reload_priv	Shutdown_priv	Process_priv	File_priv	Grant_priv	References_priv	Index_priv	Alter_priv	Show_db_priv	Super_priv	Create_tmp_table_priv	Lock_tables_priv	Execute_priv	Repl_slave_priv	Repl_client_priv	Create_view_priv	Show_view_priv
%	RONALDO	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
localhost	SAACK	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
localhost	mysql.infoschema	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
localhost	mysql.wiemon	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N
localhost	mysql.sys	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
localhost	root	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

user表内容

2. 把用户RONALDO改名为TEACHER,然后显示MySQL中user表的内容。

```
rename user RONALDO to TEACHER;
```

Host	User	Select_priv	Insert_priv	Update_priv	Delete_priv	Create_priv	Drop_priv	Reload_priv	Shutdown_priv	Process_priv	File_priv	Grant_priv	References_priv	Index_priv	Alter_priv	Show_db_priv	Super_priv	Create_tmp_table_priv	Lock_tables_priv	Execute_priv	Repl_slave_priv	Repl_client_priv	Create_view_priv	Show_view_priv
%	TEACHER	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
localhost	SAACK	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
localhost	mysql.infoschema	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
localhost	mysql.wiemon	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N
localhost	mysql.sys	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
localhost	root	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

user表内容

3. 把TEACHER的密码改为hello

```
set password for TEACHER='hello';
```

4. 删除TEACHER用户。

```
drop user TEACHER;
```

5. 新建三个用户:

用户名: Chris1@sql.com, 密码: 1234

用户名: Chris2@%, 密码: 12345

用户名: Chris3@%.com, 密码: 123456

然后显示MySQL中user表的内容。

```
create user Chris1@'sql.com' identified by '1234';
create user Chris2@'%' identified by '12345';
create user Chris3@'%.com' identified by '123456';
```

Host	User	Select_priv	Insert_priv	Update_priv	Delete_priv	Create_priv	Drop_priv	Relay_priv	Shutdown_priv	Process_priv	File_priv	Grant_priv	References_priv	Index_priv	Alter_priv	Show_db_priv	Super_priv	Create_tmp_table_priv	Lock_tables_priv	Execute_priv	Rep_slave_priv	Rep_client_priv	Create_view_priv	Show_view_priv
%	Chris1	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
%	Chris2	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
%	Chris3	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
localhost	mysql.infoschema	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
localhost	mysql.session	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
localhost	mysql.sys	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
localhost	root	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
sql.com	Chris1	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

user表内容

6. 授予Chris1@sql.com用户在student表上的select、update权限, 并且他可以传递给其他用户。 以Chris1@sql.com用户登录, 把在student表上的select、update权限 授予 chris2@%。

```
grant create,update on jxgl.student to Chris1@'%' with GRANT option;
```

以Chris1登录

```
Information
Connection Details
Name:
Host: localhost
Port: 3306
Login
User: Chris1
Cur
User: Chris1@%
SSL
cipher: TLS_AES_256_GCM_SHA3
Server
MySQL Community Server
Pro
- GPL
Ver8.0.20
Connector
VerC++ 8.0.20
```

```
grant create,update on jxgl.student to Chris2@'%' with GRANT option;
```

7. 授予Chris3@%.com用户在jxgl数据库中所有表的select权限。

```
grant create on jxgl.* to Chris3@'%.com';
```

8. 回收Chris1@sql.com的权限，并且查看chris2@%的权限。

```
REVOKE all on *.* FROM Chris1@'%';  
show grants for Chris2@'%';
```

	Grants for Chris2@%
▶	GRANT USAGE ON *.* TO `Chris2`@`%`
	GRANT UPDATE, CREATE ON `jxgl`.`student` TO `Chris2`@`%` WITH GRANT OPTION

chris2@%的权限