

6주차 2차시 MySQL의 데이터베이스 및 계정

【학습목표】

1. MySQL에서 사용할 데이터베이스를 지정하는 방법을 설명할 수 있다.
2. 데이터베이스와 테이블 리스트를 보는 방법을 설명할 수 있다.
3. MySQL에서 데이터 베이스를 생성하고 삭제하는 방법을 설명할 수 있다.
4. MySQL의 사용자 계정을 만드는 방법을 살펴보고, 계정의 권한을 설정하는 방법과 의미를 설명할 수 있다.

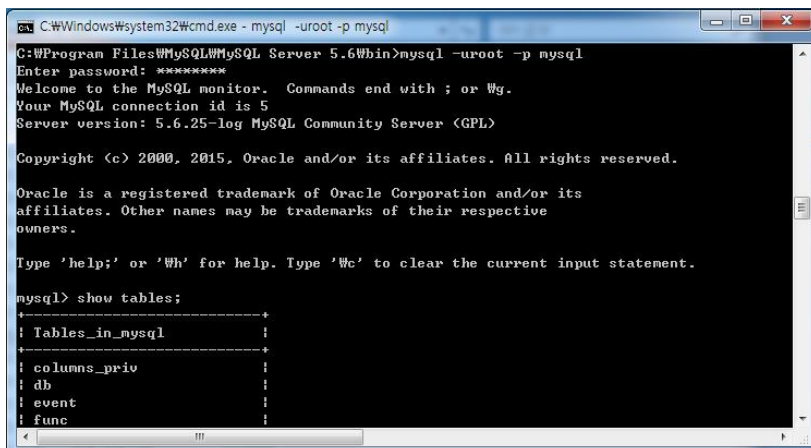
학습내용1 : MySQL의 데이터베이스

1. 사용할 데이터베이스 지정하기

A. 로그인시 지정하기

- Windows 프롬프트 상에서 사용
- 명령어 : `mysql -u계정 -p비밀번호 데이터베이스명`

```
mysql -uroot -p mysql  
또는  
mysql -uroot -p1234 mysql
```



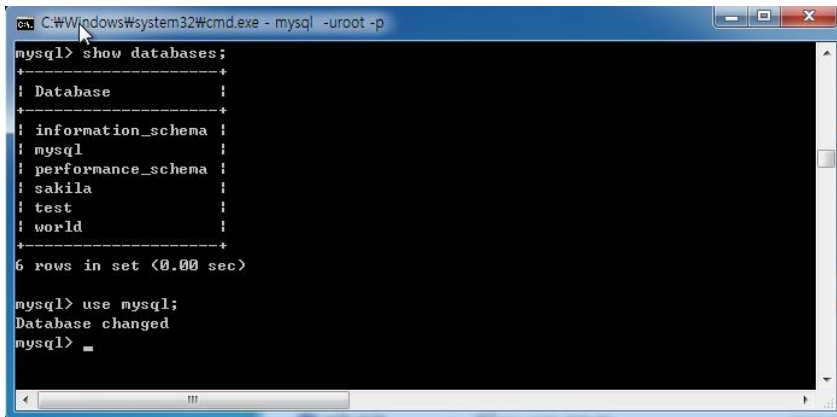
```
C:\Windows\System32\cmd.exe - mysql -uroot -p mysql  
C:\Program Files\MySQL\MySQL Server 5.6\bin>mysql -uroot -p mysql  
Enter password: *****  
Welcome to the MySQL monitor.  Commands end with ; or \g.  
Your MySQL connection id is 5  
Server version: 5.6.25-log MySQL Community Server <GPL>  
  
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owners.  
  
Type 'help;' or '\h' for help. Type '\w' to clear the current input statement.  
  
mysql> show tables;  
+-----+  
| Tables_in_mysql |  
+-----+  
| columns_priv    |  
| db              |  
| event          |  
| func           |
```

B. 로그인 후 지정하기

- MySQL 내의 “mysql>” 프롬프트 상에서 사용
- 명령어 : use 데이터베이스명

show databases;

use mysql;



```
C:\Windows\system32\cmd.exe - mysql -uroot -p
mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| mysql      |
| performance_schema |
| sakila     |
| test       |
| world      |
+-----+
6 rows in set (0.00 sec)

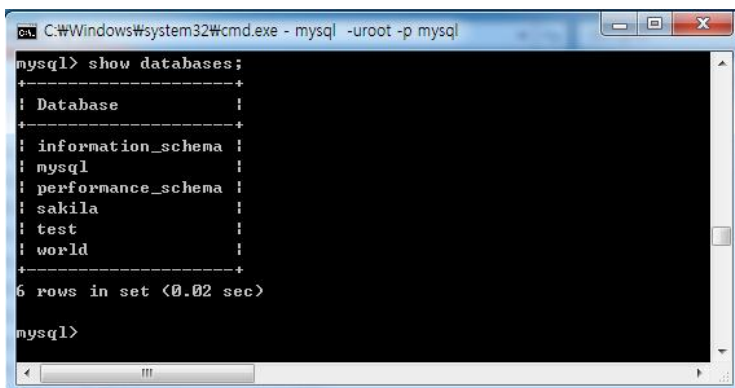
mysql> use mysql;
Database changed
mysql>
```

2. 데이터베이스 및 테이블 리스트 보기

A. 데이터베이스 리스트 보기

- 명령어 : show databases;

show databases;



```
C:\Windows\system32\cmd.exe - mysql -uroot -p mysql
mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| mysql      |
| performance_schema |
| sakila     |
| test       |
| world      |
+-----+
6 rows in set (0.02 sec)

mysql>
```

B. 테이블 리스트 보기

- 데이터베이스를 선택한 후 사용
- 명령어 : show tables;

```
use mysql;
show tables;
```

```
C:\Windows\system32\cmd.exe - mysql -uroot -p mysql
mysql> show tables;
+-----+
| Tables_in_mysql |
+-----+
| columns_priv    |
| db              |
| event           |
| func            |
| general_log     |
| help_category   |
| help_keyword    |
| help_relation   |
| help_topic      |
| innodb_index_stats |
| innodb_table_stats |
| ndb_binlog_index |
| plugin          |
| proc            |
| procs_priv      |
| proxies_priv    |
| servers         |
| slave_master_info |
+-----+
```

C. 테이블 구조 살펴보기

- 데이터베이스를 선택한 후 사용
- 명령어 : desc 테이블명;

```
use mysql;
desc user;
```

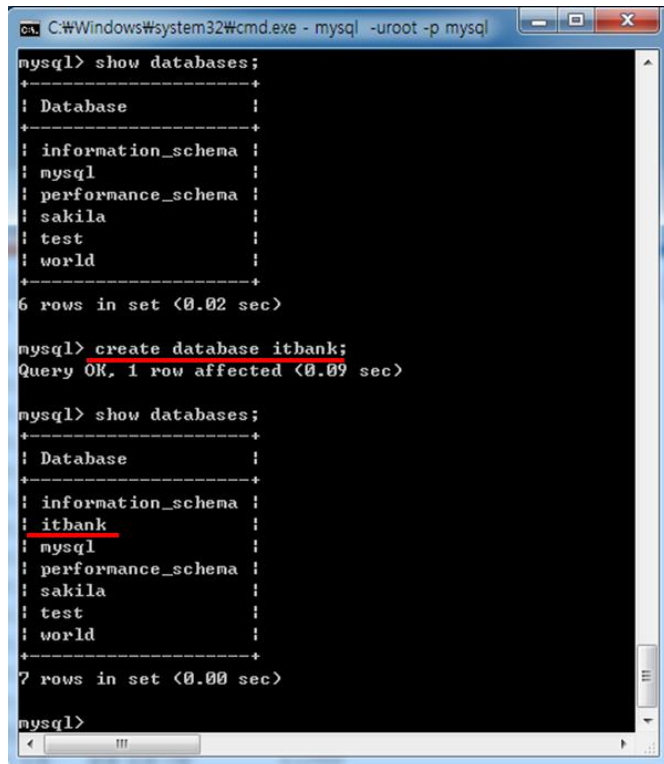
```
C:\Windows\system32\cmd.exe - mysql -uroot -p mysql
mysql> desc user;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| Host  | char(60) | NO | PRI | | |
| User  | char(16) | NO | PRI | | |
| Password | char(41) | NO | | | |
| Select_priv | enum('N','Y') | NO | | N | |
| Insert_priv | enum('N','Y') | NO | | N | |
| Update_priv | enum('N','Y') | NO | | N | |
| Delete_priv | enum('N','Y') | NO | | N | |
| Create_priv | enum('N','Y') | NO | | N | |
| Drop_priv | enum('N','Y') | NO | | N | |
| Reload_priv | enum('N','Y') | NO | | N | |
| Shutdown_priv | enum('N','Y') | NO | | N | |
| Process_priv | enum('N','Y') | NO | | N | |
| File_priv | enum('N','Y') | NO | | N | |
| Grant_priv | enum('N','Y') | NO | | N | |
| References_priv | enum('N','Y') | NO | | N | |
| Index_priv | enum('N','Y') | NO | | N | |
| Alter_priv | enum('N','Y') | NO | | N | |
| Show_db_priv | enum('N','Y') | NO | | N | |
| Super_priv | enum('N','Y') | NO | | N | |
+-----+-----+-----+-----+-----+-----+
```

3. 데이터베이스 생성 및 삭제

A. 데이터베이스 생성

- 명령어 : create database 데이터베이스명;

```
show databases;  
create database itbank;  
show databases;
```

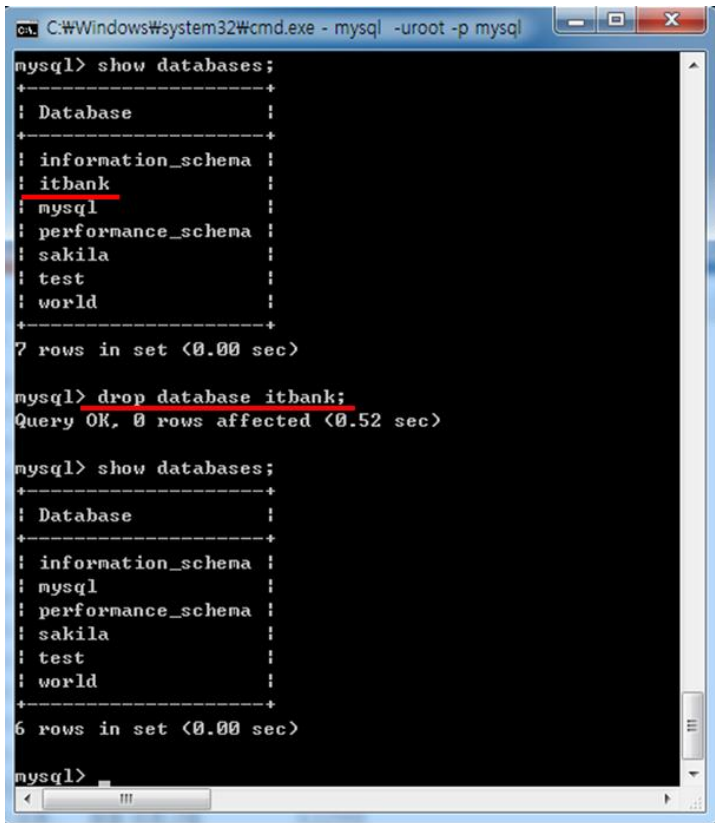


```
C:\Windows\system32\cmd.exe - mysql -uroot -p mysql  
mysql> show databases;  
+-----+  
| Database |  
+-----+  
| information_schema |  
| mysql |  
| performance_schema |  
| sakila |  
| test |  
| world |  
+-----+  
6 rows in set (0.02 sec)  
  
mysql> create database itbank;  
Query OK, 1 row affected (0.09 sec)  
  
mysql> show databases;  
+-----+  
| Database |  
+-----+  
| information_schema |  
| itbank |  
| mysql |  
| performance_schema |  
| sakila |  
| test |  
| world |  
+-----+  
7 rows in set (0.00 sec)  
  
mysql>
```

B. 데이터베이스 삭제

- 명령어 : drop database 데이터베이스명;

```
show databases;  
drop database itbank;  
show databases;
```



```
C:\Windows\system32\cmd.exe - mysql -uroot -p mysql  
mysql> show databases;  
+-----+  
| Database |  
+-----+  
| information_schema |  
| itbank |  
| mysql |  
| performance_schema |  
| sakila |  
| test |  
| world |  
+-----+  
7 rows in set (0.00 sec)  
  
mysql> drop database itbank;  
Query OK, 0 rows affected (0.52 sec)  
  
mysql> show databases;  
+-----+  
| Database |  
+-----+  
| information_schema |  
| mysql |  
| performance_schema |  
| sakila |  
| test |  
| world |  
+-----+  
6 rows in set (0.00 sec)  
  
mysql>
```

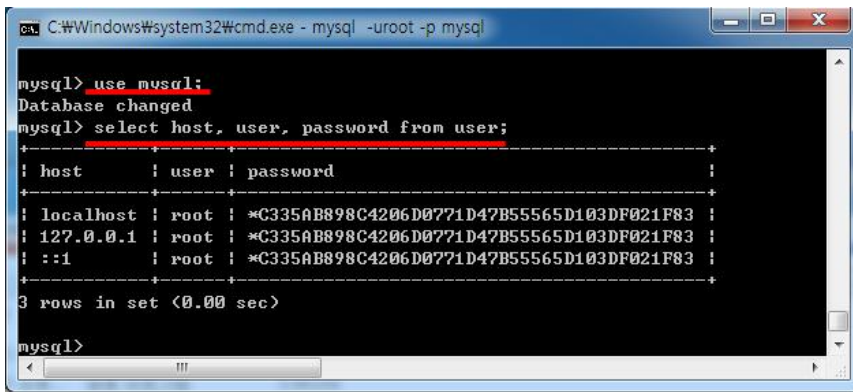
학습내용2 : 사용자 계정

1. 사용자 계정 만들기

A. 현재 등록되어 있는 계정 확인하기

- mysql내의 user 테이블의 튜플 확인
- 조회하고자하는 속성을 지정
- 명령어 : select 속성1, ... , 속성n from user;
 . 전체 속성을 나타내기 위하여 * 사용

```
use mysql;  
select host, user, password from user;
```



```
C:\Windows\system32\cmd.exe - mysql -uroot -p mysql

mysql> use mysql;
Database changed
mysql> select host, user, password from user;
+-----+-----+-----+
| host      | user  | password |
+-----+-----+-----+
| localhost | root  | *C335AB898C4206D0771D47B55565D103DF021F83 |
| 127.0.0.1 | root  | *C335AB898C4206D0771D47B55565D103DF021F83 |
| ::1       | root  | *C335AB898C4206D0771D47B55565D103DF021F83 |
+-----+-----+-----+
3 rows in set (0.00 sec)

mysql>
```

[참고]

- * localhost : 자기 자신의 컴퓨터
- * password
 - 암호화되어 저장됨
 - 암호화된 것을 풀수 있는 방법은 제공되지 않음

B. 계정 만들기

- 계정을 등록하는데 사용되는 테이블 : mysql 데이터베이스 내의 user와 db
- 명령어
 - * 비밀번호 없는 계정 만들기
 - . CREATE USER '계정이름'@'localhost';

```
use mysql;
select host, user, password from user;
create user 'cskim'@'localhost';
select host, user, password from user;
```

```

C:\Windows\system32\cmd.exe - mysql -uroot -p
mysql> select host, user, password from user;
+-----+-----+-----+
| host      | user | password |
+-----+-----+-----+
| localhost | root | *C335AB898C4206D0771D47B55565D103DF021F83 |
| 127.0.0.1 | root | *C335AB898C4206D0771D47B55565D103DF021F83 |
| ::1       | root | *C335AB898C4206D0771D47B55565D103DF021F83 |
+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> create user 'cskim'@'localhost';
Query OK, 0 rows affected (0.00 sec)

mysql> select host, user, password from user;
+-----+-----+-----+
| host      | user | password |
+-----+-----+-----+
| localhost | root | *C335AB898C4206D0771D47B55565D103DF021F83 |
| 127.0.0.1 | root | *C335AB898C4206D0771D47B55565D103DF021F83 |
| ::1       | root | *C335AB898C4206D0771D47B55565D103DF021F83 |
| localhost | cskim |          |
+-----+-----+-----+
4 rows in set (0.00 sec)

mysql>

```

* 비밀번호를 가진 계정 만들기

. CREATE USER '계정이름'@'localhost' IDENTIFIED BY '비밀번호';

```

use mysql;
select host, user, password from user;
create user 'kcs'@'localhost' identified by '1234';
select host, user, password from user;

```

```

C:\Windows\system32\cmd.exe - mysql -uroot -p
mysql> select host, user, password from user;
+-----+-----+-----+
| host      | user | password |
+-----+-----+-----+
| localhost | root | *C335AB898C4206D0771D47B55565D103DF021F83 |
| 127.0.0.1 | root | *C335AB898C4206D0771D47B55565D103DF021F83 |
| ::1       | root | *C335AB898C4206D0771D47B55565D103DF021F83 |
| localhost | cskim |          |
+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> create user 'kcs'@'localhost' identified by '1234';
Query OK, 0 rows affected (0.05 sec)

mysql> select host, user, password from user;
+-----+-----+-----+
| host      | user | password |
+-----+-----+-----+
| localhost | root | *C335AB898C4206D0771D47B55565D103DF021F83 |
| 127.0.0.1 | root | *C335AB898C4206D0771D47B55565D103DF021F83 |
| ::1       | root | *C335AB898C4206D0771D47B55565D103DF021F83 |
| localhost | cskim |          |
| localhost | kcs  | *A4B6157319038724E3560894F7F932C8886EBFCF |
+-----+-----+-----+
5 rows in set (0.00 sec)

mysql>

```

C. 지정한 계정에 특정 데이터베이스 접근 권한 주기

(1) 주의 사항

- root 계정에서만 사용자 계정의 데이터베이스 접근 권한을 줄 수 있음
- 접근권한을 설정하기 전에는 데이터베이스에 접근 불가능
- 접근 권한을 부여하지 않은 데이터베이스에는 접근할 수 없음

(2) 접근 권한 부여 전

- 예
 - . cskim 계정에 itbank 데이터베이스 접근 권한 부여 전
 - . “show databases;” 명령으로 접근 가능한 데이터베이스 확인

```
C:\Windows\system32\cmd.exe - mysql -ucskim -p

C:\Program Files\MySQL\MySQL Server 5.6\bin>mysql -ucskim -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 11
Server version: 5.6.25-log MySQL Community Server (GPL)

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| test      |
+-----+
2 rows in set (0.02 sec)

mysql> use itbank;
ERROR 1044 (42000): Access denied for user 'cskim'@'localhost' to database 'itbank'
mysql>
```

(3) db 테이블의 구조

```
C:\Windows\system32\cmd.exe - mysql -uroot -p mysql

mysql> desc db;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| Host  | char(60) | NO | PRI | | |
| Db    | char(64) | NO | PRI | | |
| User  | char(16) | NO | PRI | | |
| Select_priv | enum('N','Y') | NO | | N | |
| Insert_priv | enum('N','Y') | NO | | N | |
| Update_priv | enum('N','Y') | NO | | N | |
| Delete_priv | enum('N','Y') | NO | | N | |
| Create_priv | enum('N','Y') | NO | | N | |
| Drop_priv | enum('N','Y') | NO | | N | |
| Grant_priv | enum('N','Y') | NO | | N | |
| References_priv | enum('N','Y') | NO | | N | |
| Index_priv | enum('N','Y') | NO | | N | |
| Create_priv | enum('N','Y') | NO | | N | |
| Create_tmp_table_priv | enum('N','Y') | NO | | N | |
| Lock_tables_priv | enum('N','Y') | NO | | N | |
| Create_view_priv | enum('N','Y') | NO | | N | |
| Show_view_priv | enum('N','Y') | NO | | N | |
| Create_routine_priv | enum('N','Y') | NO | | N | |
| Alter_routine_priv | enum('N','Y') | NO | | N | |
| Execute_priv | enum('N','Y') | NO | | N | |
| Event_priv | enum('N','Y') | NO | | N | |
| Trigger_priv | enum('N','Y') | NO | | N | |
+-----+-----+-----+-----+-----+-----+
22 rows in set (0.02 sec)

mysql>
```


(4) 접근 권한 부여 명령어

- 명령어

```
. insert into db values ( 'localhost', '데이터베이스명', '계정', 'y', 'y', ... 'y' );
```

* 총 19개의 'y'

```
C:\Windows\system32\cmd.exe - mysql -uroot -p mysql
mysql> insert into db values ('localhost', 'ithank', 'cskim', 'y', 'y', 'y', 'y', 'y', 'y', 'y', 'y', 'y')
Query OK, 1 row affected (0.01 sec)

mysql> select * from db;
+-----+-----+-----+-----+-----+-----+-----+-----+
| Host      | Db      | User   | Select_priv | Insert_priv | Update_priv | Delete_priv | Create_priv |
| Create_view_priv | Show_view_priv | Create_routine_priv | Alter_routine_priv | Execute_priv |
+-----+-----+-----+-----+-----+-----+-----+-----+
| %         | test    | %      | Y           | Y           | Y           | Y           | Y           |
| %         | %       | %      | Y           | Y           | Y           | N           | N           |
| %         | test#%  | %      | Y           | Y           | Y           | Y           | Y           |
| %         | %       | %      | Y           | Y           | Y           | N           | N           |
| localhost | ithank  | cskim  | Y           | Y           | Y           | Y           | Y           |
| %         | %       | %      | Y           | Y           | Y           | Y           | Y           |
+-----+-----+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql>
```

(5) 시스템에 적용하기 전

- cskim 계정에 로그인
- 접근 가능한 데이터베이스 확인
- use itbank;를 사용하여 데이터베이스 사용 시도

```
C:\Windows\system32\cmd.exe - mysql -ucskim -p

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owners.

Type 'help;' or '?' for help. Type 'C' to clear the current input statement.

mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| test |
+-----+
2 rows in set (0.00 sec)

mysql> use itbank;
ERROR 1044 (42000): Access denied for user 'cskim'@'localhost' to database 'itbank'
mysql>
```

(6) 변경된 설정 시스템에 적용하기

- db에 추가된 권한은 시스템에 자동으로 적용되지 않음
- 명령어 : flush privileges;

```

C:\Windows\system32\cmd.exe - mysql -ucskim -p
C:\Program Files\MySQL\MySQL Server 5.6\bin>mysql -ucskim -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 19
Server version: 5.6.25-log MySQL Community Server (GPL)

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| itbank |
| test |
+-----+
3 rows in set (0.14 sec)

mysql>
    
```

D. 계정 비밀번호 변경하기

- 계정 비밀번호는 user 테이블에 암호화되어 저장되어 있다.
- 비밀번호 변경은 user 테이블의 password 속성을 변경하는 것
- 암호화시키기 위하여 password() 함수를 사용

(1) 계정의 비밀번호 변경

- 명령어 : update user set password=password('새비밀번호') where user='계정';

```

mysql> select user, password from user;
+-----+-----+
| user | password |
+-----+-----+
| root | *C335AB898C4206D0771D47B55565D103DF021F83 |
| root | *C335AB898C4206D0771D47B55565D103DF021F83 |
| root | *C335AB898C4206D0771D47B55565D103DF021F83 |
| cskim | *A4B6157319038724E3560894F7F932C8886EBFCF |
| kcs | *A4B6157319038724E3560894F7F932C8886EBFCF |
+-----+-----+
5 rows in set (0.01 sec)

mysql> update user set password=password('1234') where user='cskim';
Query OK, 1 row affected (0.19 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> select user, password from user;
+-----+-----+
| user | password |
+-----+-----+
| root | *C335AB898C4206D0771D47B55565D103DF021F83 |
| root | *C335AB898C4206D0771D47B55565D103DF021F83 |
| root | *C335AB898C4206D0771D47B55565D103DF021F83 |
| cskim | *A4B6157319038724E3560894F7F932C8886EBFCF |
| kcs | *A4B6157319038724E3560894F7F932C8886EBFCF |
+-----+-----+
5 rows in set (0.00 sec)
    
```

(2) 변경된 비밀번호로 계정에 로그인하기

- * 변경된 설정을 시스템에 적용하기 전

```
C:\Windows\system32\cmd.exe
C:\Program Files\MySQL\MySQL Server 5.6\bin>mysql -ucskin -p
Enter password: ****
ERROR 1045 (28000): Access denied for user 'cskin'@'localhost' (using password: YES)
C:\Program Files\MySQL\MySQL Server 5.6\bin>
```

- * 변경된 설정을 시스템에 적용하기

- MySQL 내에서 “flush privileges” 사용

```
C:\Windows\system32\cmd.exe - mysql -ucskin -p
C:\Program Files\MySQL\MySQL Server 5.6\bin>mysql -uroot -p mysql
Enter password: *****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 24
Server version: 5.6.25-log MySQL Community Server (GPL)

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affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> flush privileges;
Query OK, 0 rows affected (0.00 sec)

mysql> exit
Bye
```

- 비밀번호가 변경된 계정으로 로그인 하기

```
C:\Windows\system32\cmd.exe - mysql -ucskin -p
C:\Program Files\MySQL\MySQL Server 5.6\bin>mysql -ucskin -p
Enter password: ****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 25
Server version: 5.6.25-log MySQL Community Server (GPL)

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql>
```

E. 계정 삭제하기

- 계정 정보는 user 테이블에 있으며, 삭제할 계정의 레코드(투플)을 삭제
- 명령어 : drop user '계정'@'localhost';

```

C:\Windows\system32\cmd.exe - mysql -uroot -p
mysql> select host, user, password from user;
+-----+-----+-----+
| host      | user      | password      |
+-----+-----+-----+
| localhost | root      | *C335AB898C4206D0771D47B55565D103DF021F83 |
| 127.0.0.1 | root      | *C335AB898C4206D0771D47B55565D103DF021F83 |
| ::1       | root      | *C335AB898C4206D0771D47B55565D103DF021F83 |
| localhost | cskim     | *A4B6157319038724E3560894F7F932C8886EBFCF |
| localhost | kcs       | *A4B6157319038724E3560894F7F932C8886EBFCF |
+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> drop user 'cskim'@'localhost';
Query OK, 0 rows affected (0.03 sec)

mysql> select host, user, password from user;
+-----+-----+-----+
| host      | user      | password      |
+-----+-----+-----+
| localhost | root      | *C335AB898C4206D0771D47B55565D103DF021F83 |
| 127.0.0.1 | root      | *C335AB898C4206D0771D47B55565D103DF021F83 |
| ::1       | root      | *C335AB898C4206D0771D47B55565D103DF021F83 |
| localhost | kcs       | *A4B6157319038724E3560894F7F932C8886EBFCF |
+-----+-----+-----+
4 rows in set (0.00 sec)

mysql>
  
```

2. 계정의 권한 설정

- user 테이블의 구조

```

C:\Windows\system32\cmd.exe - mysql -uroot -p mysql
mysql> desc user;
+-----+-----+-----+-----+
| Field      | Type      | Null | Key |
+-----+-----+-----+-----+
| Host       | char(60)  | NO   | PRI |
| User       | char(16)  | NO   | PRI |
| Password   | char(41)  | NO   |     |
| Select_priv | enum('N','Y') | NO   |     |
| Insert_priv | enum('N','Y') | NO   |     |
| Update_priv | enum('N','Y') | NO   |     |
| Delete_priv | enum('N','Y') | NO   |     |
| Create_priv | enum('N','Y') | NO   |     |
| Drop_priv  | enum('N','Y') | NO   |     |
| Reload_priv | enum('N','Y') | NO   |     |
| Shutdown_priv | enum('N','Y') | NO   |     |
| Process_priv | enum('N','Y') | NO   |     |
| File_priv  | enum('N','Y') | NO   |     |
| Grant_priv  | enum('N','Y') | NO   |     |
| References_priv | enum('N','Y') | NO   |     |
| Index_priv  | enum('N','Y') | NO   |     |
| Alter_priv  | enum('N','Y') | NO   |     |
| Show_db_priv | enum('N','Y') | NO   |     |
| Super_priv  | enum('N','Y') | NO   |     |
| Create_tmp_table_priv | enum('N','Y') | NO   |     |
| Lock_tables_priv | enum('N','Y') | NO   |     |
| Execute_priv | enum('N','Y') | NO   |     |
| Repl_slave_priv | enum('N','Y') | NO   |     |
| Repl_client_priv | enum('N','Y') | NO   |     |
+-----+-----+-----+-----+
  
```

```
C:\Windows\system32\cmd.exe - mysql -uroot -p mysql

+-----+
| Create_view_priv | enum('N','Y') | NO |
| Show_view_priv   | enum('N','Y') | NO |
| Create_routine_priv | enum('N','Y') | NO |
| Alter_routine_priv | enum('N','Y') | NO |
| Create_user_priv   | enum('N','Y') | NO |
| Event_priv        | enum('N','Y') | NO |
| Trigger_priv       | enum('N','Y') | NO |
| Create_tablespace_priv | enum('N','Y') | NO |
| ssl_type          | enum('','ANY','X509','SPECIFIED') | NO |
| ssl_cipher         | blob          | NO |
| x509_issuer        | blob          | NO |
| x509_subject       | blob          | NO |
| max_questions     | int(11) unsigned | NO |
| max_updates       | int(11) unsigned | NO |
| max_connections   | int(11) unsigned | NO |
| max_user_connections | int(11) unsigned | NO |
| plugin            | char(64)       | YES |
| authentication_string | text          | YES |
| password_expired   | enum('N','Y') | NO |
+-----+
43 rows in set (0.00 sec)

mysql>
```

- user 테이블에 정의된 모든 권한을 계정에 부여
- 모든 데이터베이스에 적용됨
- 명령어
 - . GRANT ALL PRIVILEGES ON *.* TO '계정'@'localhost' WITH GRANT OPTION;

grant all privileges on *.* to 'cskim'@'localhost' with grant option;

```
C:\Windows\system32\cmd.exe - mysql -ucskim -p

C:\Program Files\MySQL\MySQL Server 5.6\bin>mysql -ucskim -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 13
Server version: 5.6.25-log MySQL Community Server (GPL)

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Type 'help;' or '\h' for help. Type '\w' to clear the current input statement.

mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| itbank      |
| mysql      |
| performance_schema |
| sakila      |
| test       |
| world      |
+-----+
7 rows in set (0.00 sec)

mysql>
```

【학습정리】

1. MySQL에서 사용할 데이터베이스를 지정하는 방법과, 데이터베이스 생성 및 삭제하는 방법과 관련된 명령어를 학습하였습니다.
2. 사용자 계정 생성 및 삭제, 계정의 권한 부여 방법으로 데이터베이스 접근 권한 설정과 계정자체의 권한 설정의 의미와 차이점 및 명령어를 학습하였다.