**练习五（三） 索引与视图的创建**

学号 姓名

四、用户管理（**请将命令写在空白处**）

1、使用CREATE USER命令创建用户’aaa’，密码为’123’。

create user aaa identified by '123';

2、查看用户’aaa’的权限。（此时aaa用户几乎所有权限为”N”）。

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| 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 | Create\_routine\_priv | Alter\_routine\_priv | Create\_user\_priv | Event\_priv | Trigger\_priv | Create\_tablespace\_priv | ssl\_type | ssl\_cipher | x509\_issuer | x509\_subject

| max\_questions | max\_updates | max\_connections | max\_user\_connections | plugin | authentication\_string | password\_expired | password\_last\_changed | password\_lifetime | account\_locked | Create\_role\_priv | Drop\_role\_priv | Password\_reuse\_history | Password\_reuse\_time | Password\_require\_current | User\_attributes |

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| localhost | jyf | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | 0x | 0x | 0x

| 0 | 0 | 0 | 0 | caching\_sha2\_password | $A$005$"%TF8OWmeu

]sKvR7HxOWqSkc3TXZWIlYisekgzMgA7u7OUVyHZJ/Sz7D | N | 2022-05-14 15:11:47 | NULL | N | N | N | NULL | NULL | NULL

| NULL |

| 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 | N | N | N | N | N | N | | 0x | 0x | 0x

| 0 | 0 | 0 | 0 | caching\_sha2\_password | $A$005$THISISACOMBINATIONOFINVALIDSALTANDPASSWORDTHATMUSTNEVERBRBEUSED | N | 2022-04-06 21:15:31 | NULL | Y | N | N | NULL | NULL | NULL

| NULL |

| localhost | mysql.session | N | N | N | N | N | N | N | Y | N | N | N | N | N | N | N | Y | N | N | N | N | N | N | N | N | N | N | N | N | N | | 0x | 0x | 0x

| 0 | 0 | 0 | 0 | caching\_sha2\_password | $A$005$THISISACOMBINATIONOFINVALIDSALTANDPASSWORDTHATMUSTNEVERBRBEUSED | N | 2022-04-06 21:15:31 | NULL | Y | N | N | NULL | NULL | NULL

| NULL |

| 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 | N | N | N | N | N | N | | 0x | 0x | 0x

| 0 | 0 | 0 | 0 | caching\_sha2\_password | $A$005$THISISACOMBINATIONOFINVALIDSALTANDPASSWORDTHATMUSTNEVERBRBEUSED | N | 2022-04-06 21:15:31 | NULL | Y | N | N | NULL | NULL | NULL

| NULL |

| 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 | Y | Y | Y | Y | Y | Y | | 0x | 0x | 0x

| 0 | 0 | 0 | 0 | mysql\_native\_password | \*753B1EDDFBE6FC95ACC90548925DE37C03B7FF5C 37C03B7FF5C | N | 2022-04-14 21:37C03B7FF5C | N | 2022-04-14 21:09:23 | NULL | N | Y | Y | NULL | NULL | NULL | NULL |

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3、新建一个会话，并以’aaa’用户登陆MySQL服务器，使用SHOW DATABASES命令查看所有数据库。（aaa用户下只有information\_schema库）

+--------------------+

| Database |

+--------------------+

| information\_schema |

+--------------------+

1 row in set (0.00 sec)

4、在root用户下，使用GRANT命令为’aaa’用户分配查询jxgl数据库的权限。

grant select on jxgl.\* to jyf@localhost;

5、在aaa用户下，使用SHOW DATABASES命令查看所有数据库。（此时可以看到jxgl数据库）

+--------------------+

| Database |

+--------------------+

| information\_schema |

| jxgl |

+--------------------+

2 rows in set (0.00 sec)

6、执行命令：SELECT \* FROM student; 写出结果。

+----------+-------+------+------------+-------+------------+

| Sno | Sname | Ssex | Sbirthday | sdept | Speciality |

+----------+-------+------+------------+-------+------------+

| 20180101 | 李勇 | 男 | 2000-01-12 | CS | 计算机应用 |

| 20180201 | 刘晨 | 女 | 2001-06-04 | IS | 电子商务 |

| 20180202 | 张立 | 男 | 2001-08-25 | IS | 电子商务 |

| 20180301 | 王敏 | 女 | 2002-12-23 | MA | 数学 |

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4 rows in set (0.01 sec)

7、执行命令：

INSERT INTO student VALUES('02','Mike','m','cs');

写出结果，并分析原因。

ERROR 1142 (42000): INSERT command denied to user 'jyf'@'localhost' for table 'student'

Command denied 没insert权限

8、使用root用户为aaa用户分配INSERT权限。

grant insert on jxgl.\* to jyf@localhost;

9、在aaa用户下执行命令：INSERT INTO student VALUES('02','Mike','m','cs');

INSERT INTO student(Sno,Sname,Ssex,sdept) VALUES('02','Mike','男','cs');

10、查询student表格所有记录。

+----------+-------+------+------------+-------+------------+

| Sno | Sname | Ssex | Sbirthday | sdept | Speciality |

+----------+-------+------+------------+-------+------------+

| 02 | Mike | 男 | NULL | cs | NULL |

| 20180101 | 李勇 | 男 | 2000-01-12 | CS | 计算机应用 |

| 20180201 | 刘晨 | 女 | 2001-06-04 | IS | 电子商务 |

| 20180202 | 张立 | 男 | 2001-08-25 | IS | 电子商务 |

| 20180301 | 王敏 | 女 | 2002-12-23 | MA | 数学 |

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11、使用root收回aaa用户的INSERT权限。

revoke insert on jxgl.\* from jyf@localhost;

12、删除aaa用户。

drop user jyf@localhost;