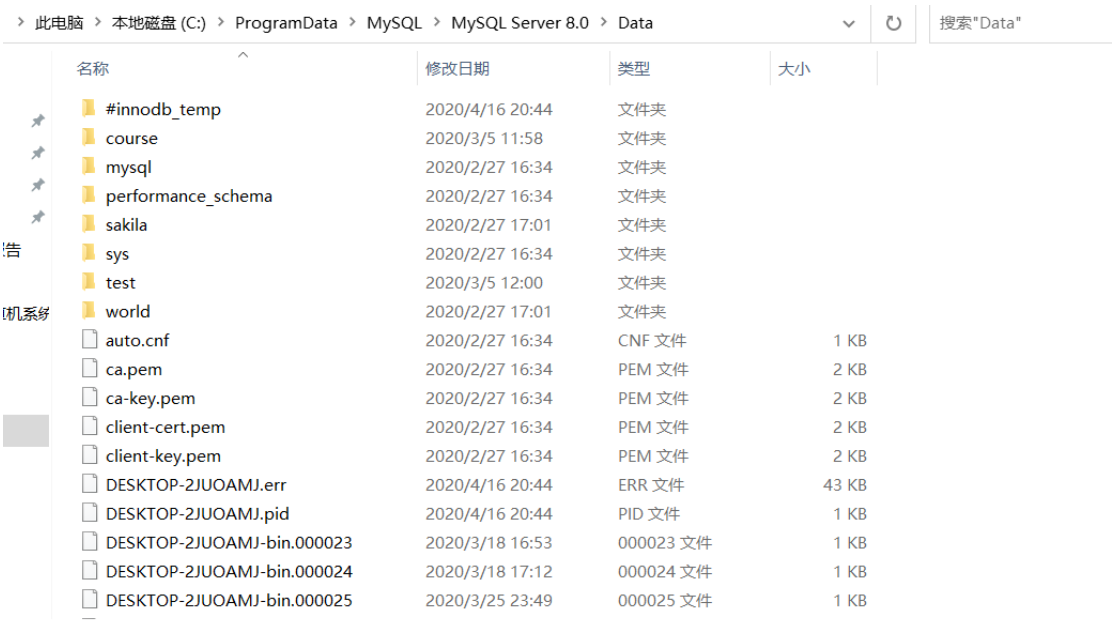
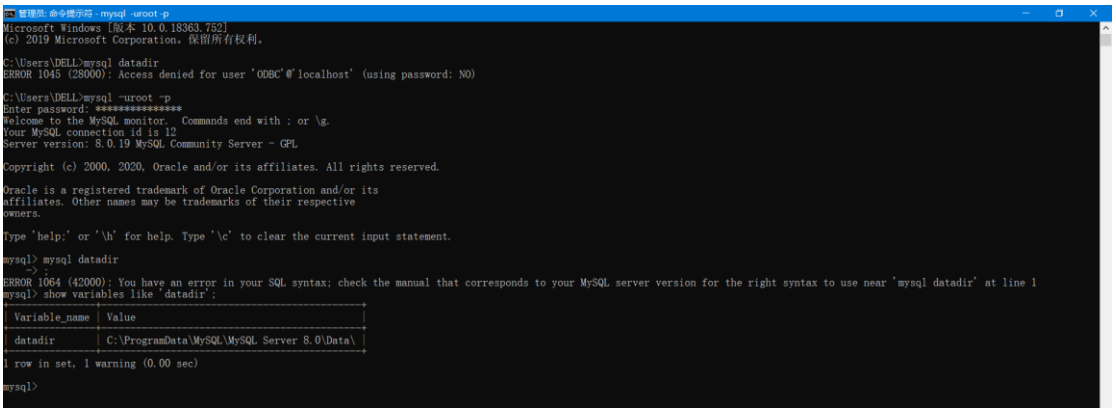
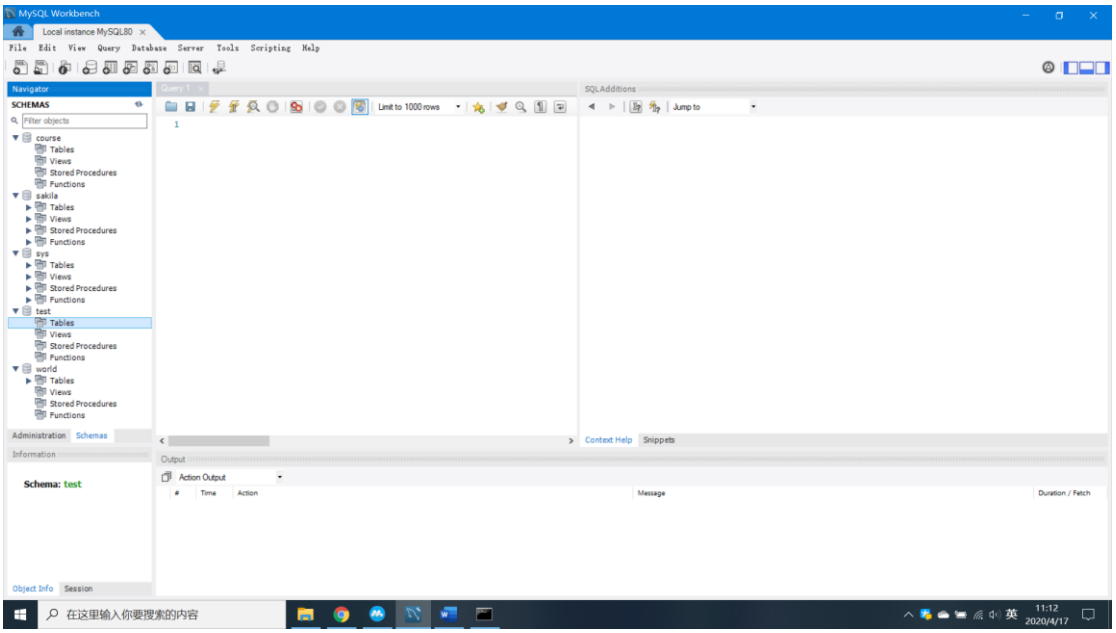
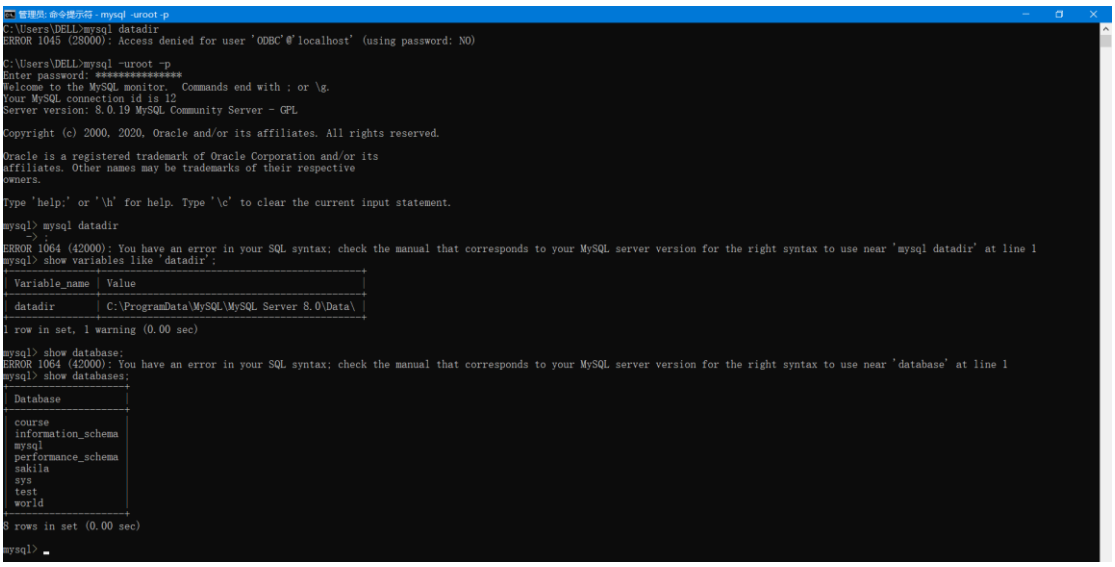
1. 查看并写出 MySQL 数据目录的路径：



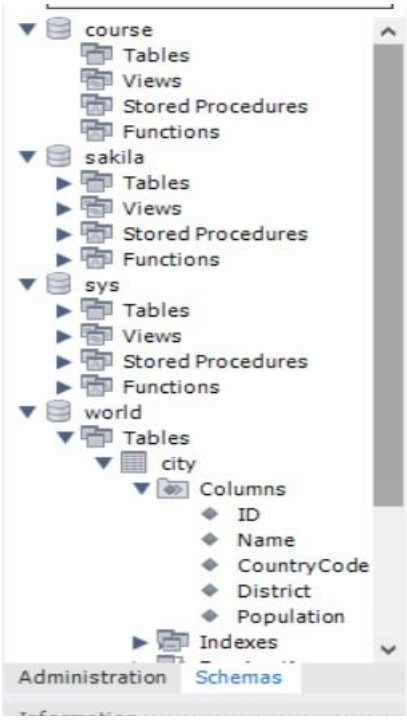




2. 查看数据库列表



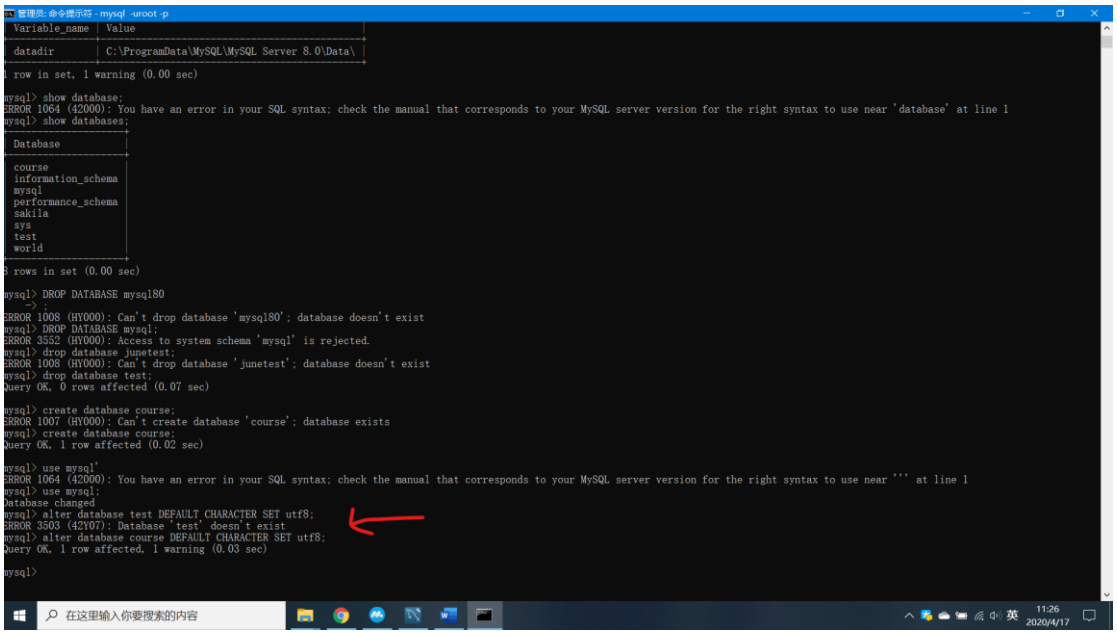


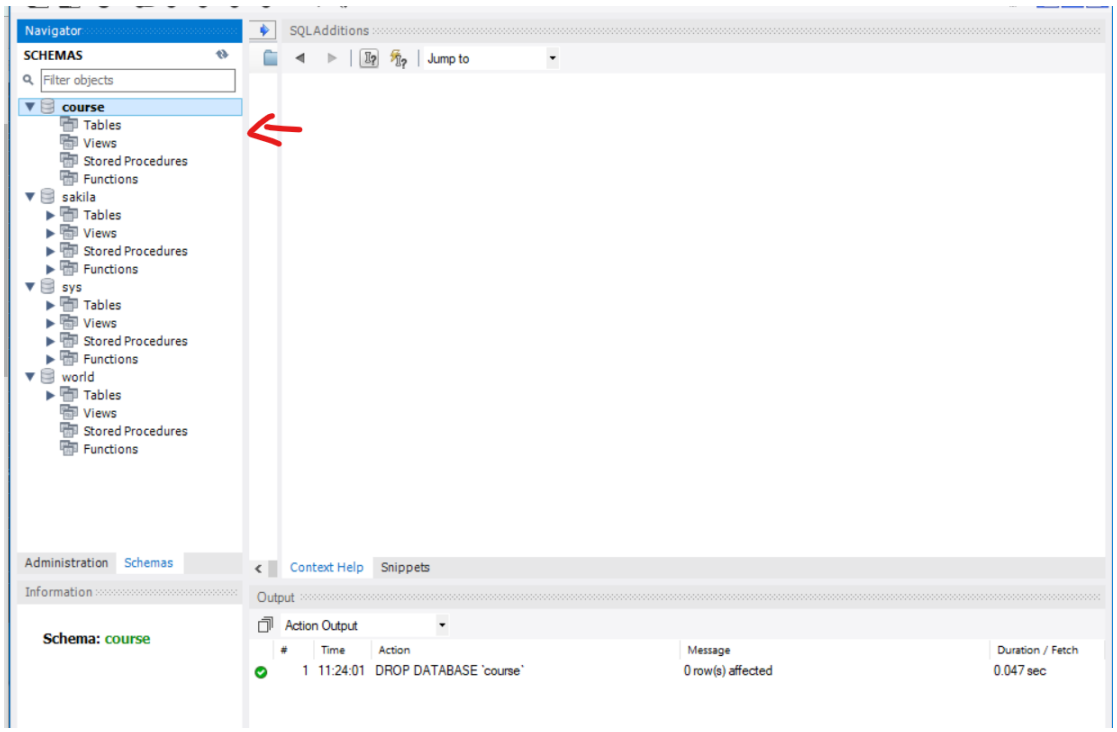

删除操作:

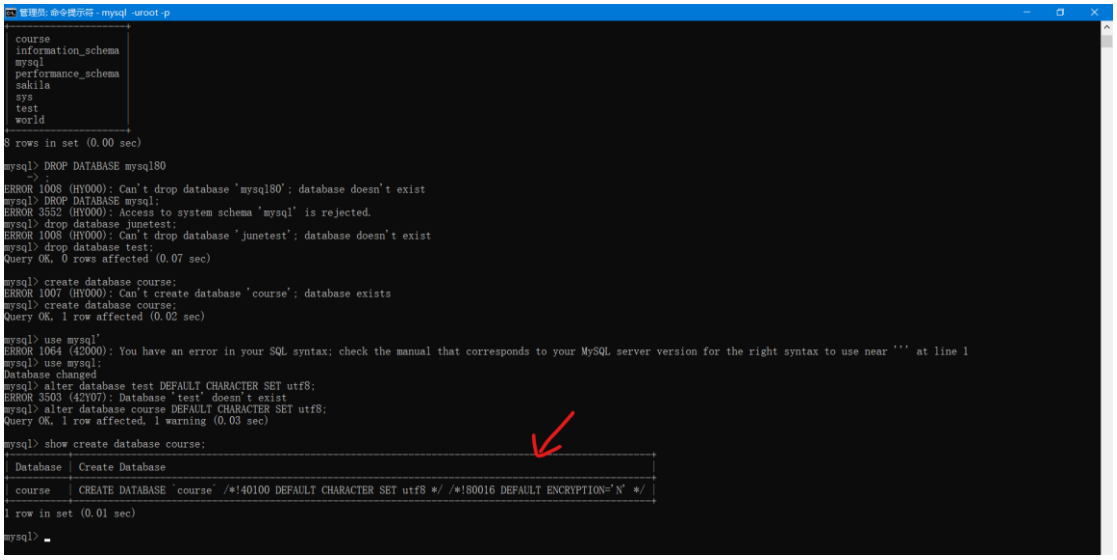



```
mysql> DROP DATABASE mysql80
    -> ;
ERROR 1008 (HY000): Can't drop database 'mysql80'; database doesn't exist
mysql> DROP DATABASE mysql;
ERROR 3552 (HY000): Access to system schema 'mysql' is rejected.
mysql> drop database junetest;
ERROR 1008 (HY000): Can't drop database 'junetest'; database doesn't exist
mysql> drop database test;
Query OK, 0 rows affected (0.07 sec)

mysql>
```

3. 创建 course 数据库



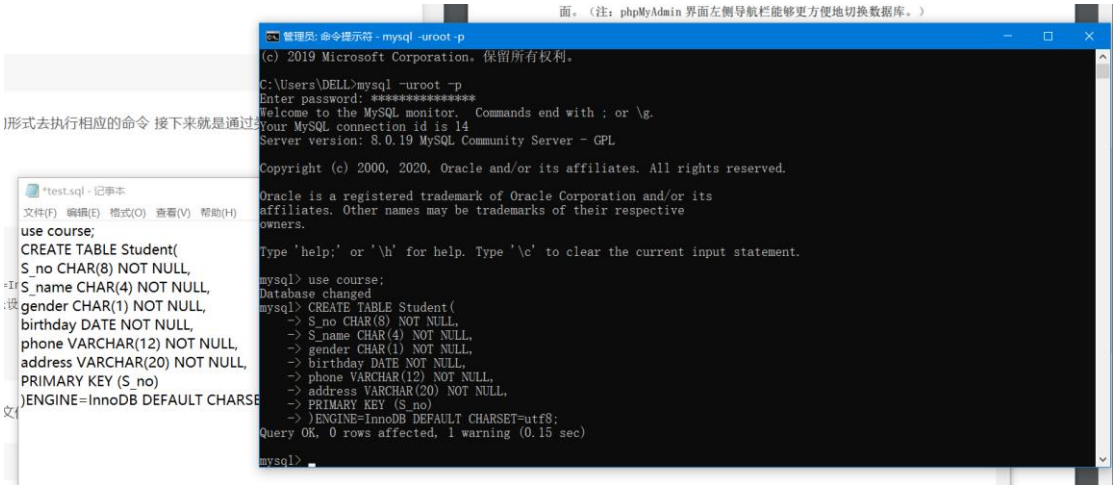



4. 选择数据库:

   我们可以在命令行中使用 “use course;”来切换到当前的数据库来进行操作。

   如果在 MySQL – workbench 界面， 可直接双击进行切换。

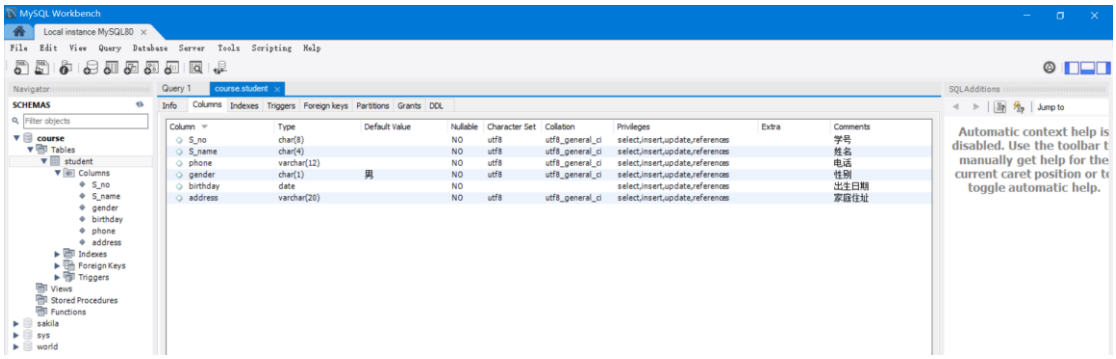
5.创建数据库 （可采用脚本创建）



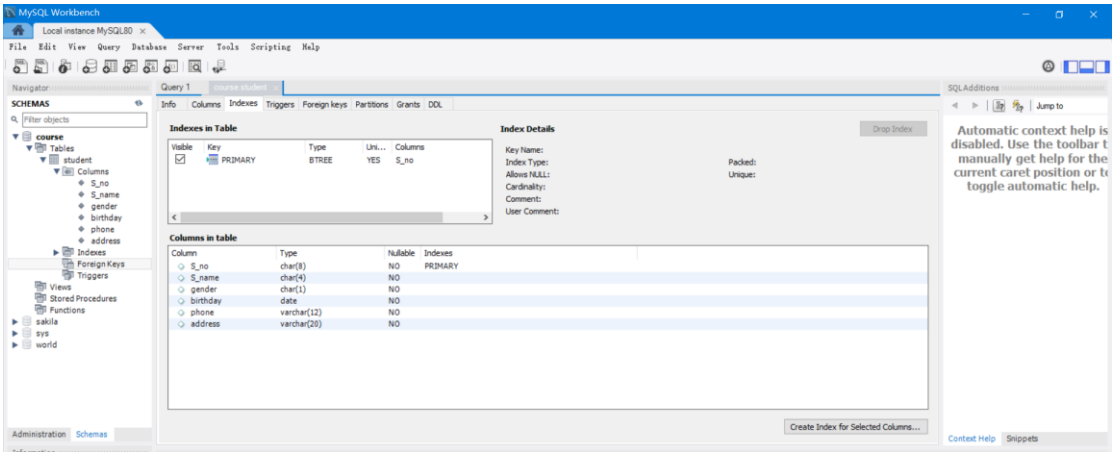

然后修改数据库表的有关字段的内容…[我是弱智 在这里 course/ student 搞混了..]

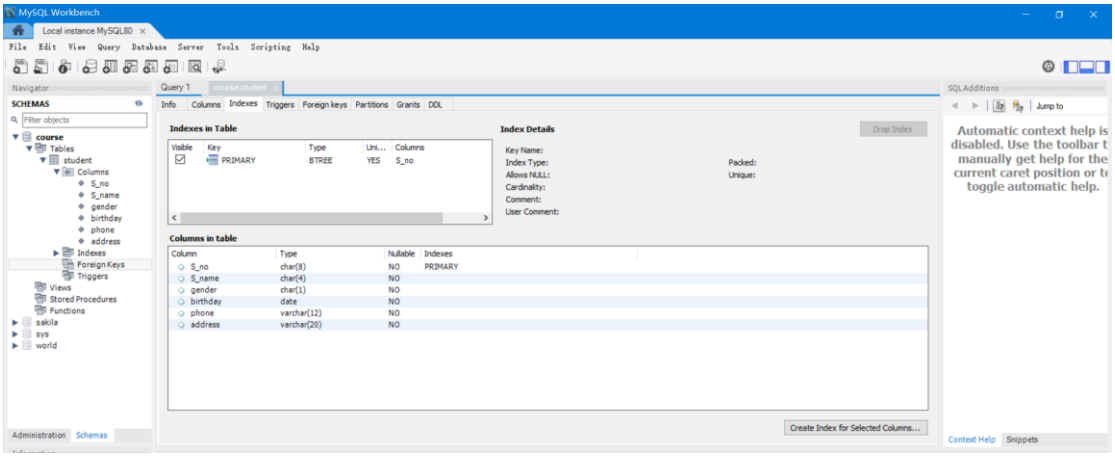
```
管理员: 命令提示符 - mysql -uroot -p
ERROR 1146 (42S02): Table 'course.course' doesn't exist
mysql> alter modify S_no CHAR(8) NOT NULL comment '学号';
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'modify S_no CHAR(8) NOT NULL comme
nt '学号'' at line 1
mysql> alter table course
    -> change S_no comment '学号';
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near ''学号'' at line 2
mysql> alter table test
    -> change column S_no S_no CHAR(8) not null comment '学号';
    -> ;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '; ' at line 2
mysql> alter table test
    -> change column S_no S_no CHAR(8) not null comment '学号';
ERROR 1146 (42S02): Table 'course.test' doesn't exist
mysql> alter table course
    -> change column S_no S_no CHAR(8) not null comment '学号';
ERROR 1146 (42S02): Table 'course.course' doesn't exist
mysql> alter table student
    -> change column S_no S_no CHAR(8) not null comment '学号';
Query OK, 0 rows affected (0.11 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> alter table student
    -> change column S_name S_name CHAR(4) not null comment '姓名';
Query OK, 0 rows affected (0.02 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> alter table student
    -> change column gender gender CHAR(1) not null default "男" comment '性别';
Query OK, 0 rows affected (0.06 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> alter table student
    -> change column birthday birthday date not null comment '出生日期';
Query OK, 0 rows affected (0.03 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> alter table student
    -> change column phone phone varchar(12) not null comment '电话';
Query OK, 0 rows affected (0.02 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> alter table student
    -> change column address address varchar(20) not null comment '家庭住址';
Query OK, 0 rows affected (0.02 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql>
```

效果

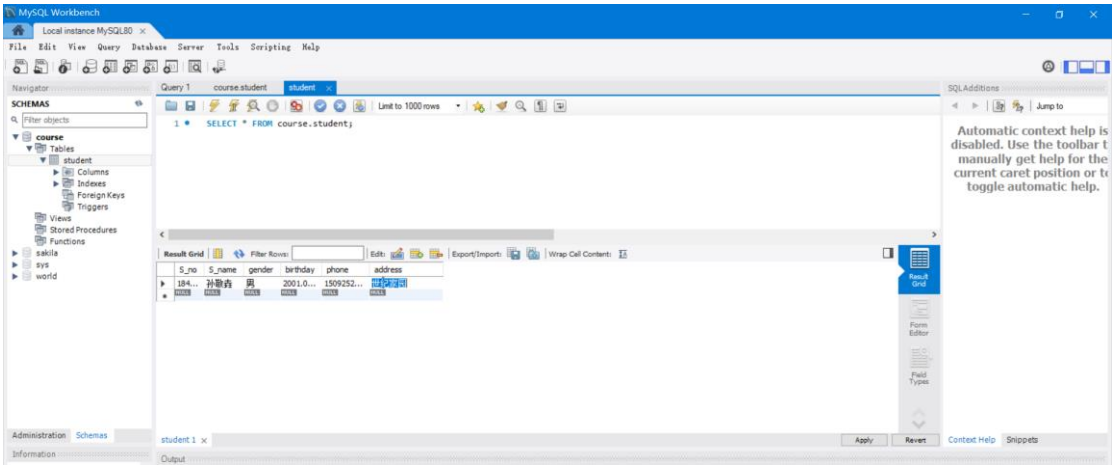



6.显示表结构:





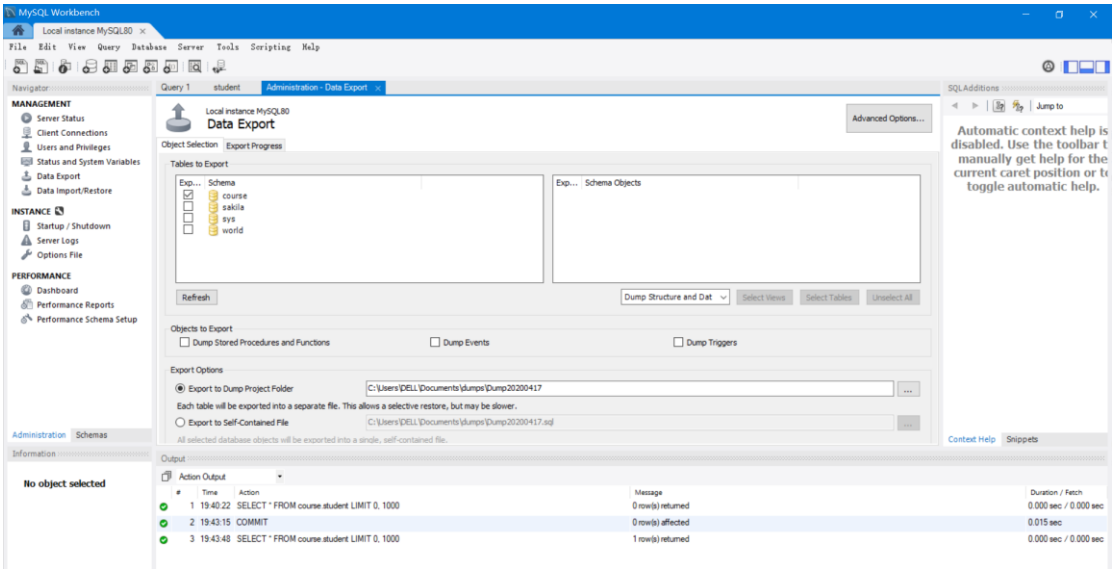
7.管理表记录：（插入信息）

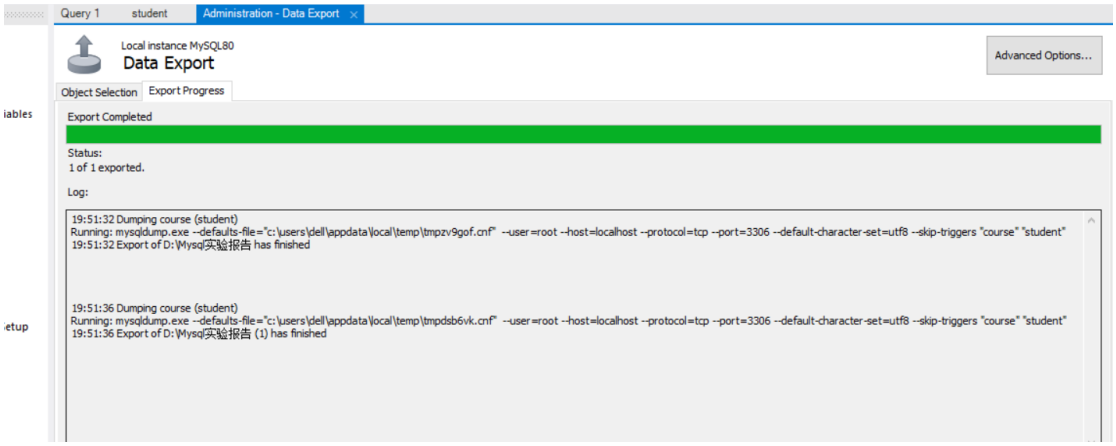


用命令行进行查看：

```
管理员: 命令提示符 - mysql  -uroot -p
Query OK, 0 rows affected (0.02 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> alter table student
    -> change column address address varchar(20) not null comment '家庭住址';
Query OK, 0 rows affected (0.02 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> show columns from student;
+----------+-------------+------+-----+---------+-------+
| Field    | Type        | Null | Key | Default | Extra |
+----------+-------------+------+-----+---------+-------+
| S_no     | char(8)     | NO   | PRI | NULL    |       |
| S_name   | char(4)     | NO   |     | NULL    |       |
| gender   | char(1)     | NO   |     | 男      |       |
| birthday | date        | NO   |     | NULL    |       |
| phone    | varchar(12) | NO   |     | NULL    |       |
| address  | varchar(20) | NO   |     | NULL    |       |
+----------+-------------+------+-----+---------+-------+
6 rows in set (0.01 sec)

mysql> select S_no,S_name,gender,birthday,phone,address from student;
+----------+--------+--------+------------+-------------+----------+
| S_no     | S_name | gender | birthday   | phone       | address  |
+----------+--------+--------+------------+-------------+----------+
| 18408220 | 孙敬垚 | 男     | 2001-01-29 | 15092524952 | 世纪家园 |
+----------+--------+--------+------------+-------------+----------+
1 row in set (0.01 sec)

mysql>
```

8.备份数据库：



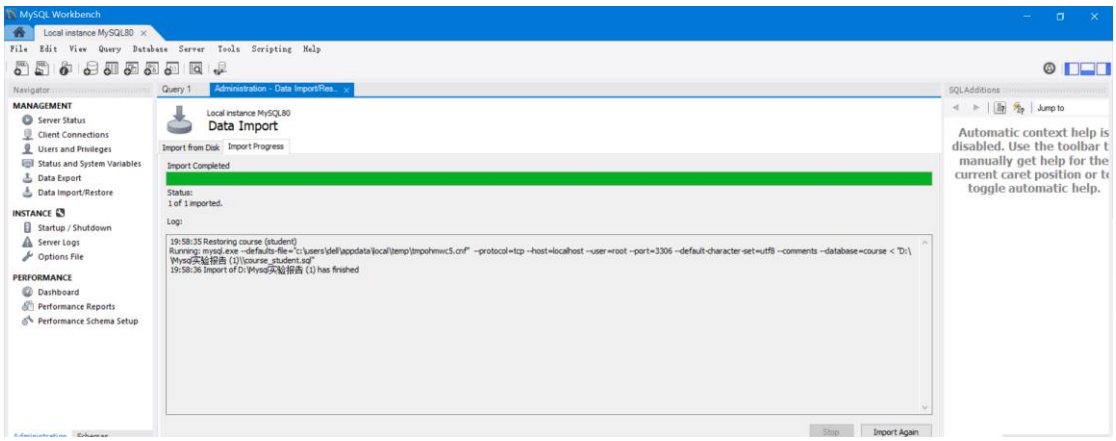



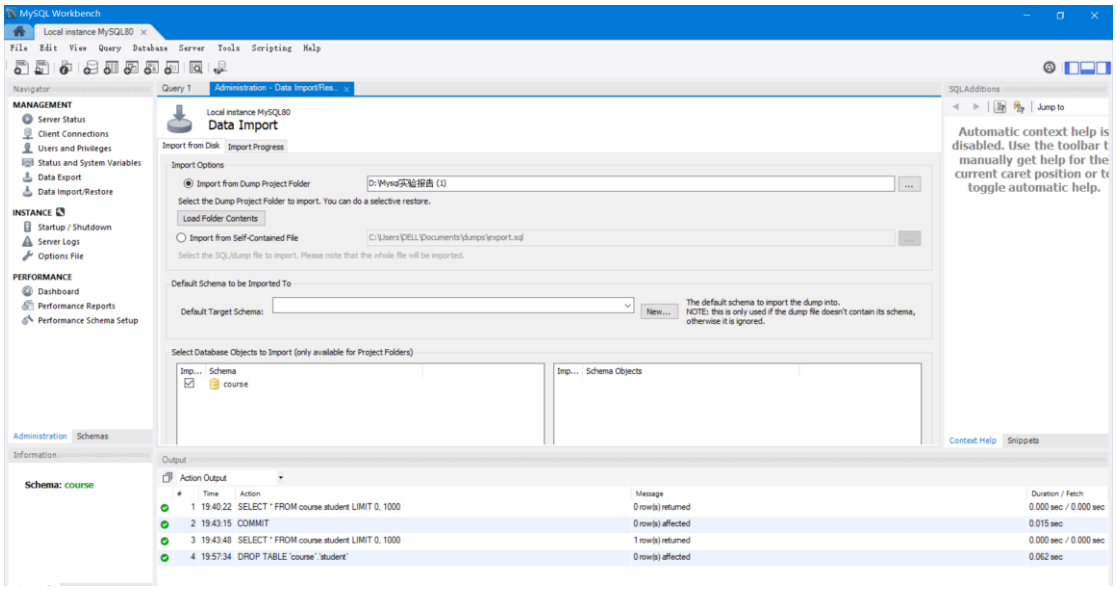

9.删除学生信息表;

Drop 直接

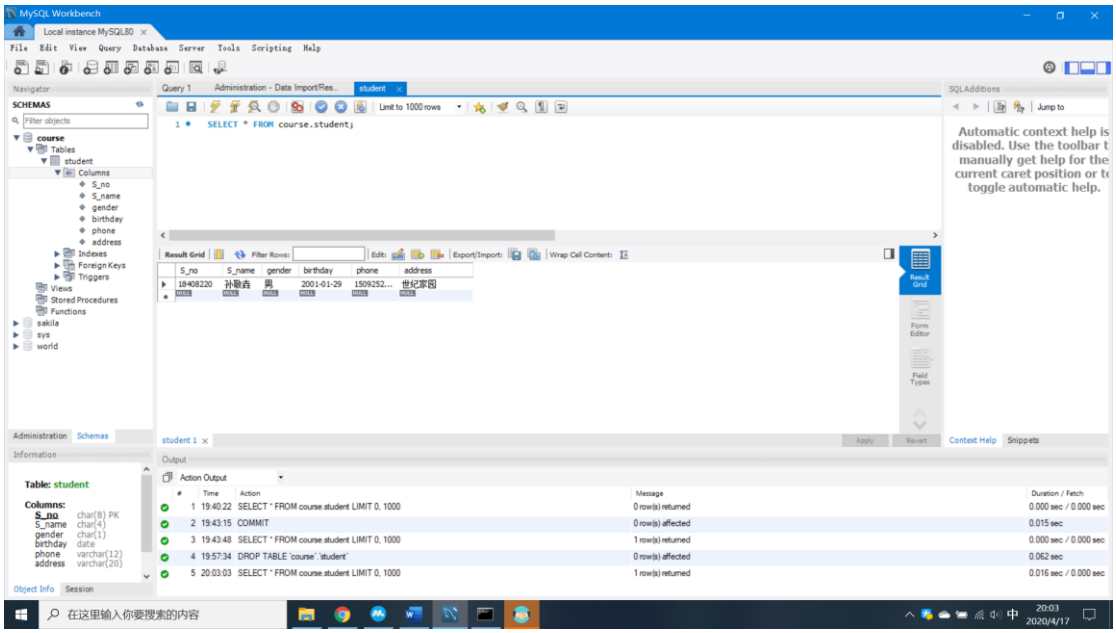
10：还原数据库

细节：还原时必须数据库已经创建。

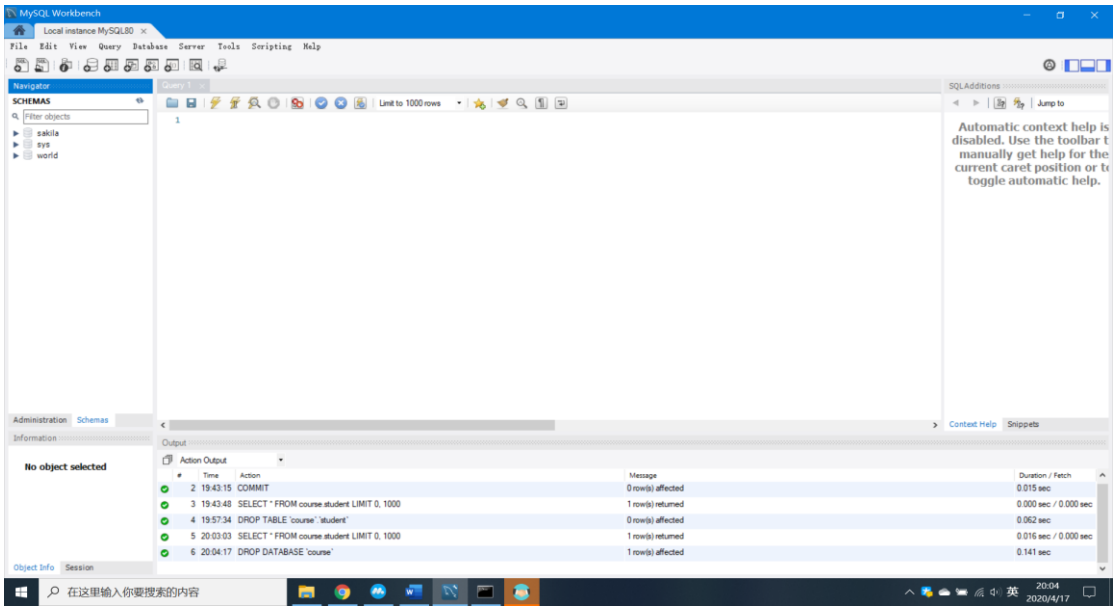





还原成功




11:删除数据库:


MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
sakila
sys
world
Administration Schemas
Information
No object selected
Object Info Session
Query 1
Limit to 1000 rows
SQLAdditions
Jump to
Automatic context help is disabled. Use the toolbar t manually get help for the current caret position or t toggle automatic help.
Context Help Snippets
Output
Action Output
# Time Action Message Duration / Fetch
2 19:43:15 COMMIT 0 row(s) affected 0.015 sec
3 19:43:48 SELECT * FROM course.student LIMIT 0, 1000 1 row(s) returned 0.000 sec / 0.000 sec
4 19:57:34 DROP TABLE `course`.`student` 0 row(s) affected 0.062 sec
5 20:03:03 SELECT * FROM course.student LIMIT 0, 1000 1 row(s) returned 0.016 sec / 0.000 sec
6 20:04:17 DROP DATABASE `course` 1 row(s) affected 0.141 sec
在这里输入你要搜索的内容
英
20:04
2020/4/17