#### Database System Labs - create db and import dataset

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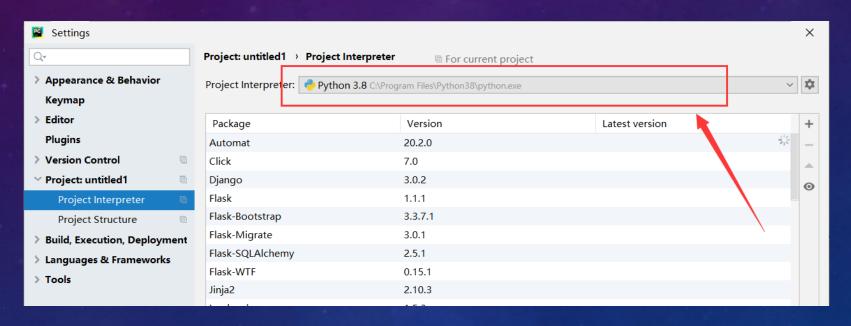
#### OBJECTIVES

- Python env config
- Create a new user and Grant DBA privilege
- Create a new DB and import some schemas
- SIMPLE QUERY STATEMENT
- quiz

• Cmd中输入python能 打出版本号即安装成功,否则需要配置环境 变量

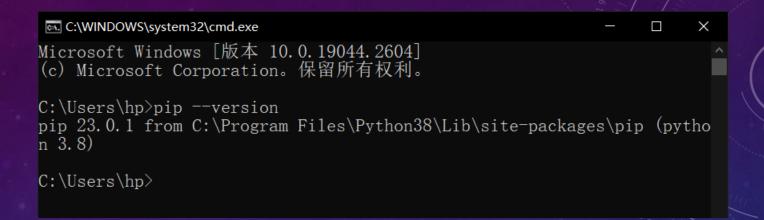
C:\Users\hp>python
Python 3.8.0 (tags/v3.8.0:fa919fd, Oct 14 2019, 19:37:50) [MSC v.1916
64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license" for more information.

>>>

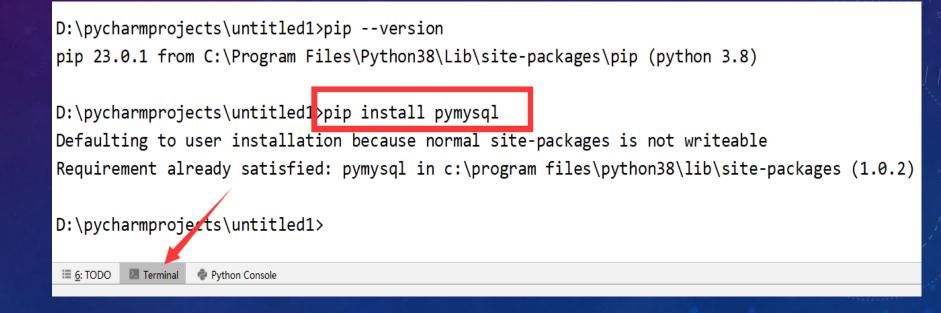


• Pycharm中File->Settings中选择好interpreter

确保拥有pip(cmd 里输入pip)



在terminal中 使用pip安装 pymysql



#### CONNECTION

Database version: 8.0.19

Process finished with exit code 0

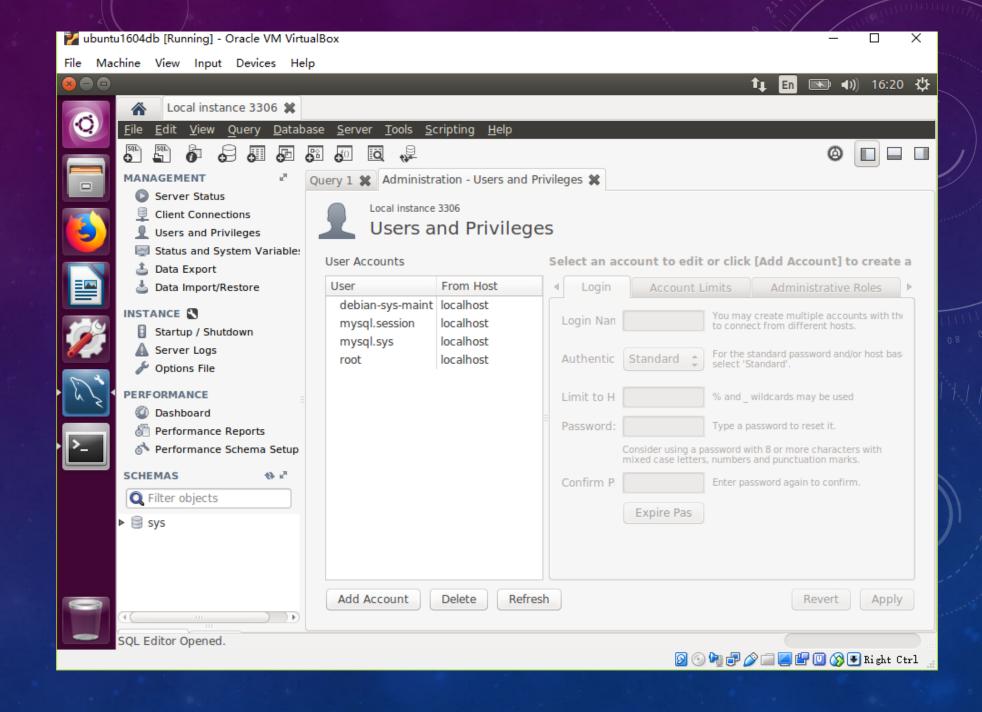
import pymysql conn=pymysql.connect(host='localhost',user='ro ot',password='123',database='sys',charset='utf8') cursor=conn.cursor() sql = 'select version()' cursor.execute(sql) retdat = cursor.fetchall() for row in retdat: print(row[0]) cursor.close()

conn.close()

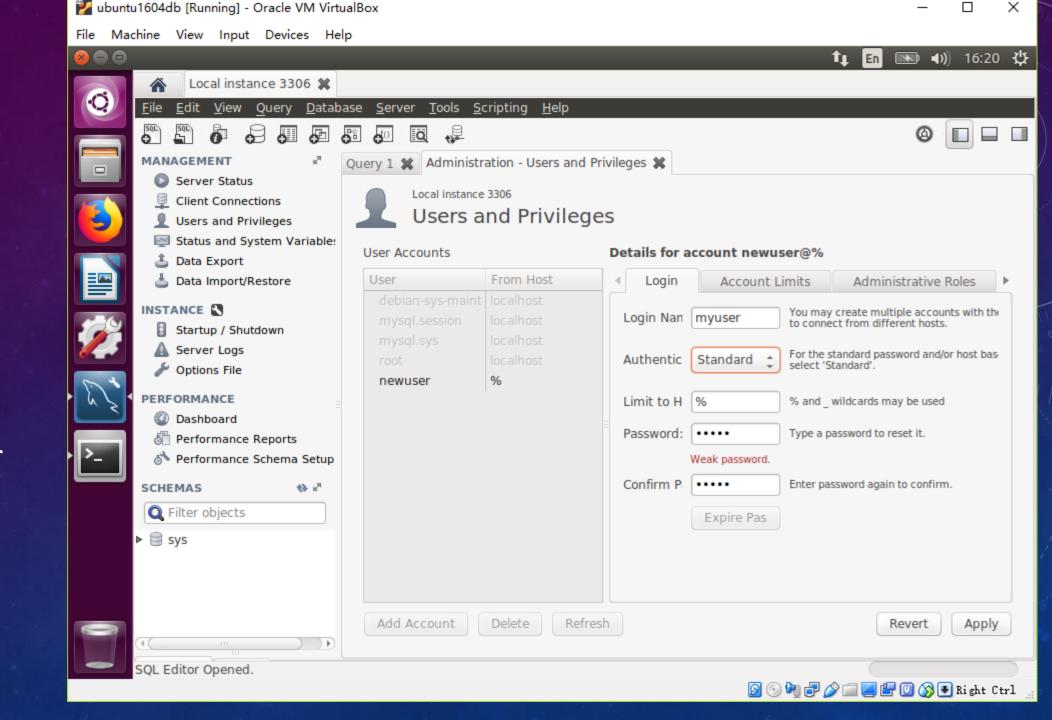
Create a new user and Grant DBA privilege



- Add DB User
  - myuser
    - mypwd

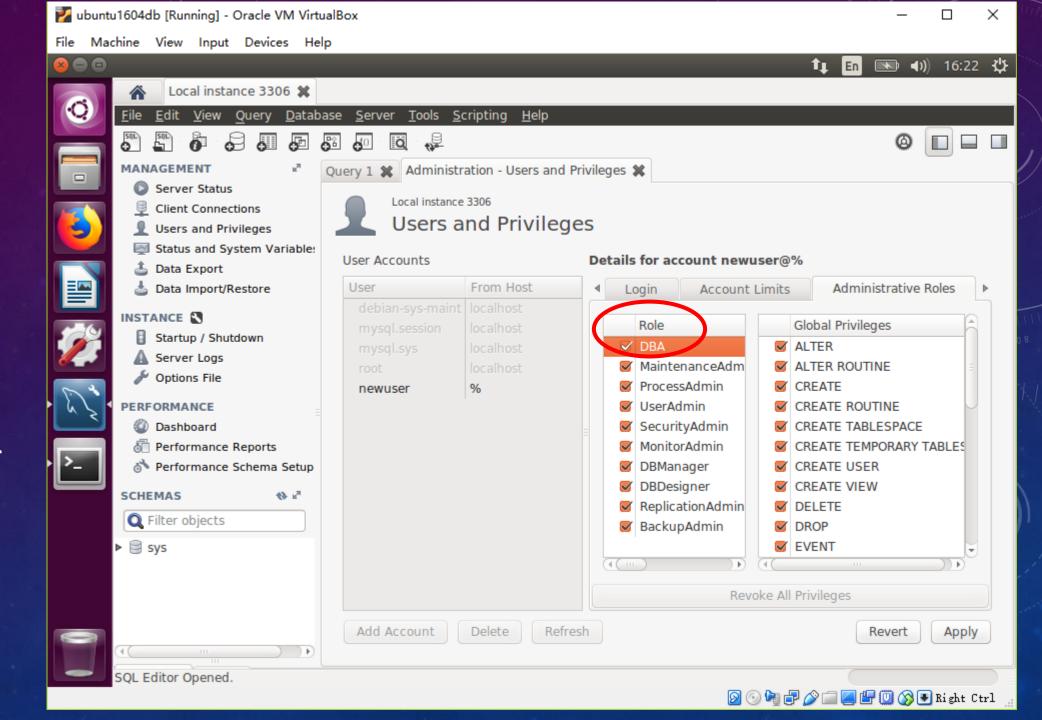


- Add DB User
  - myuser
    - mypwd

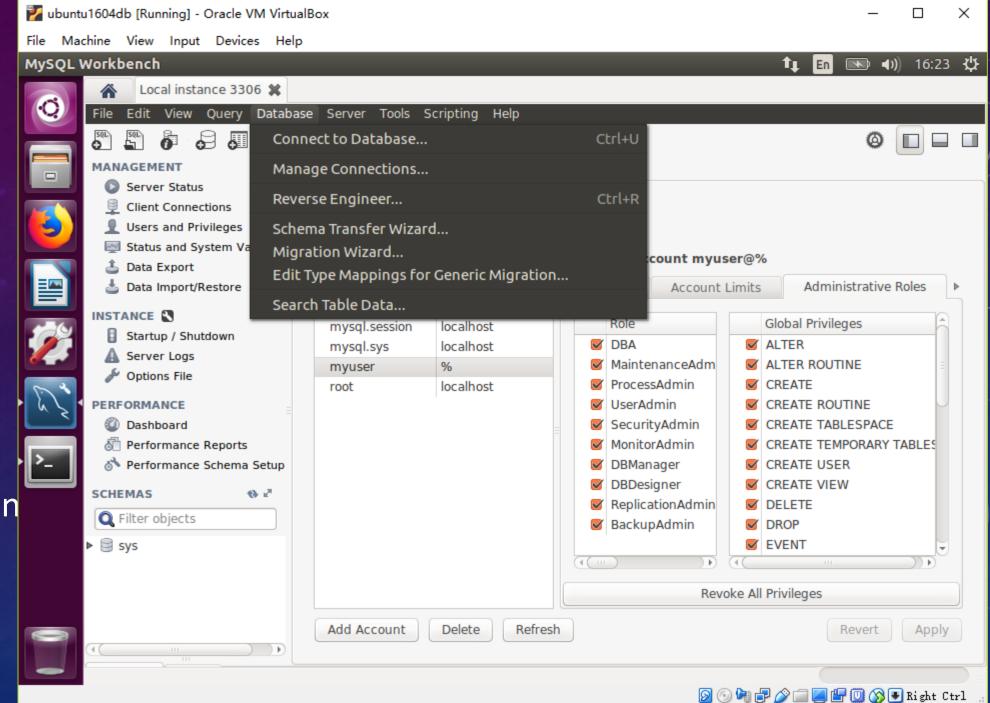




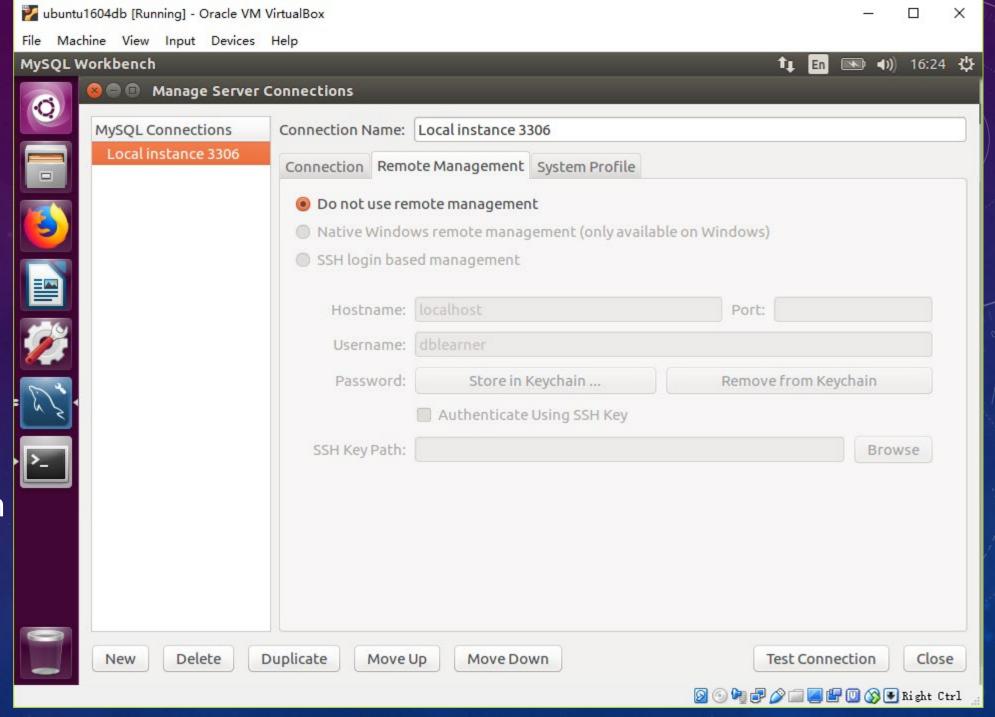
- Add DB User
  - myuser
    - mypwd



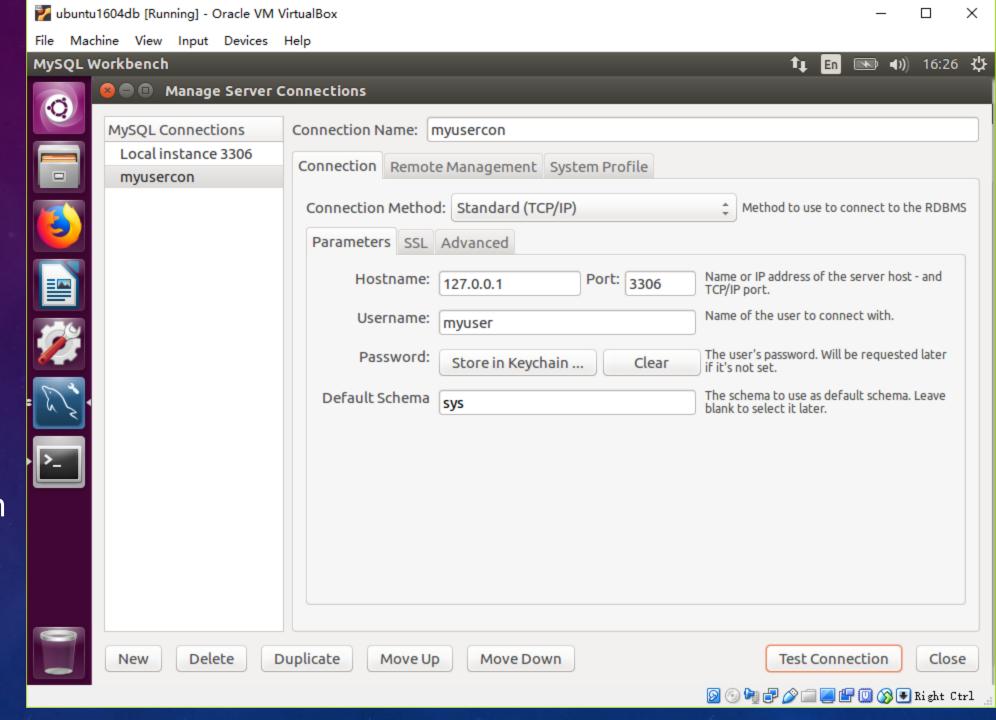




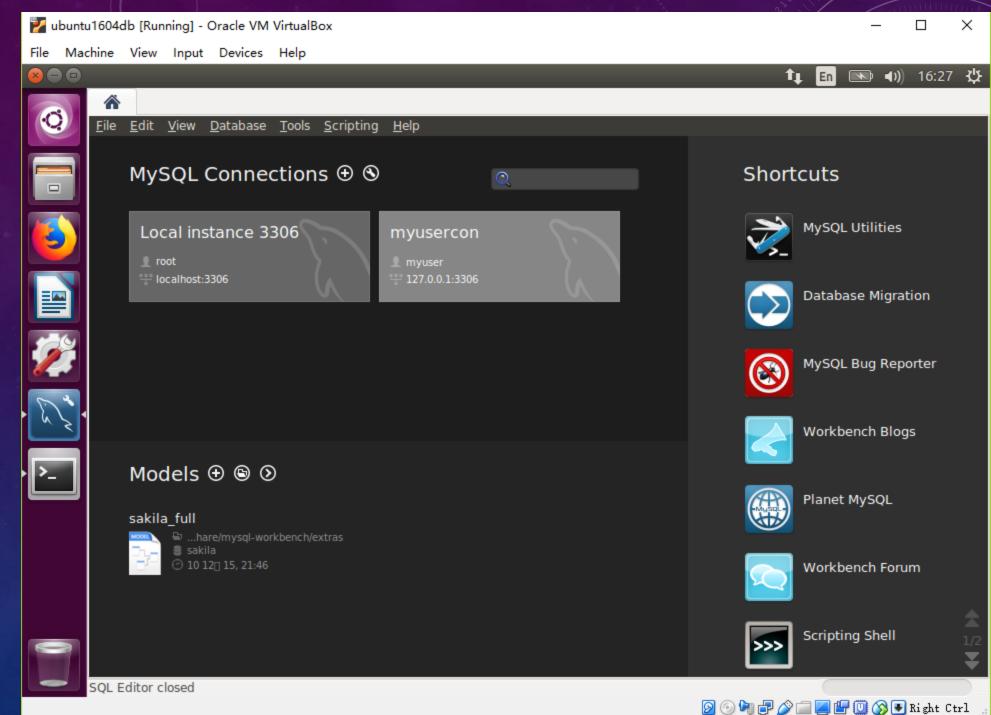






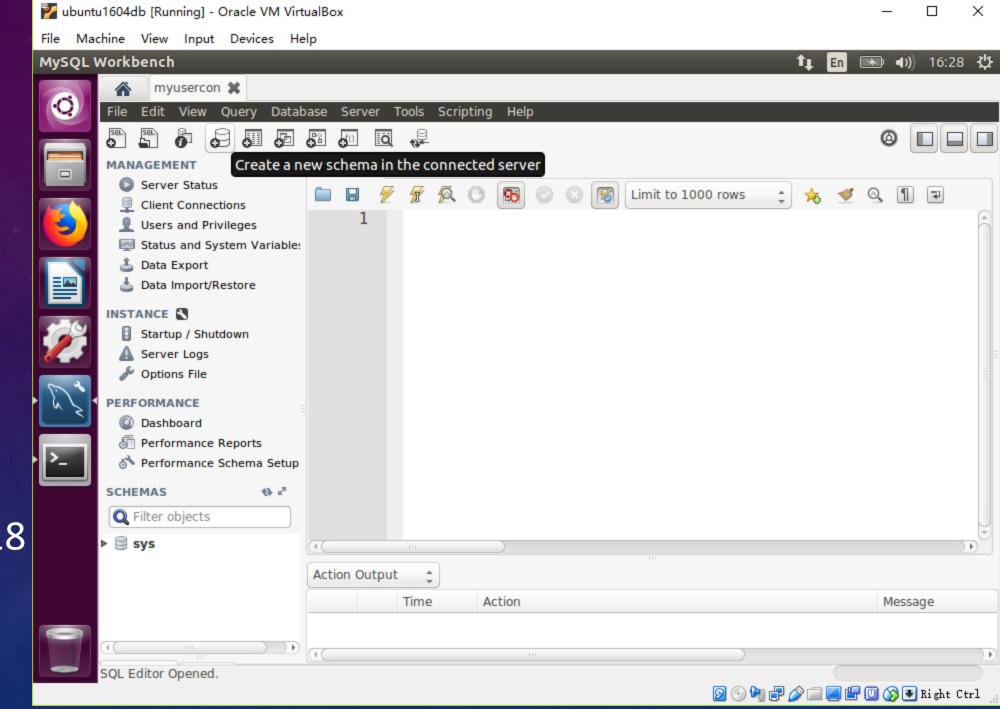








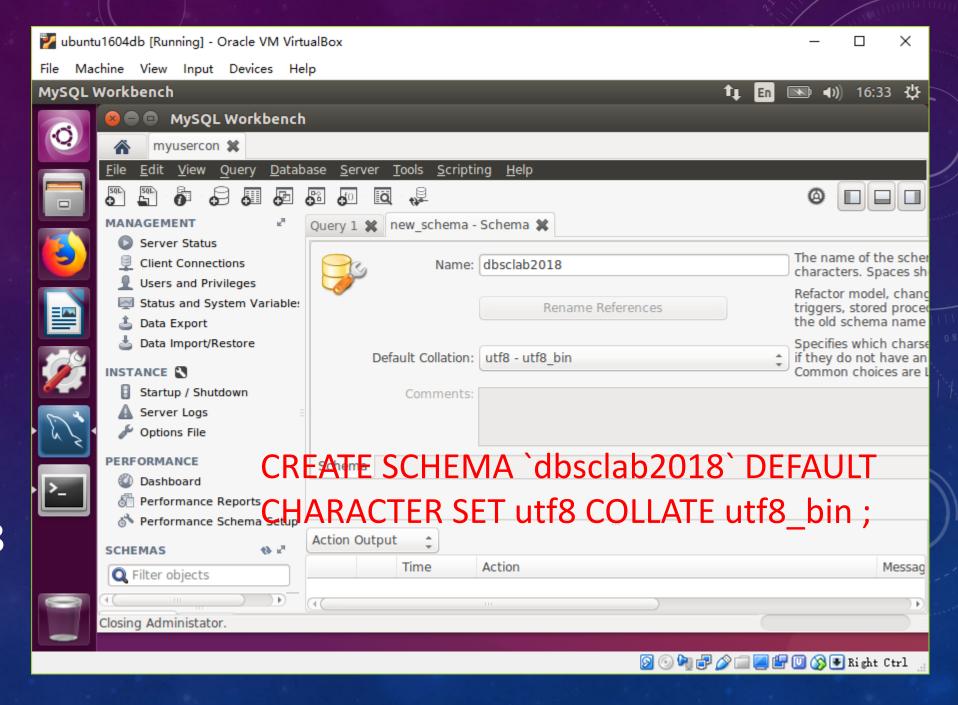
- New DB
  - dbsclab2018

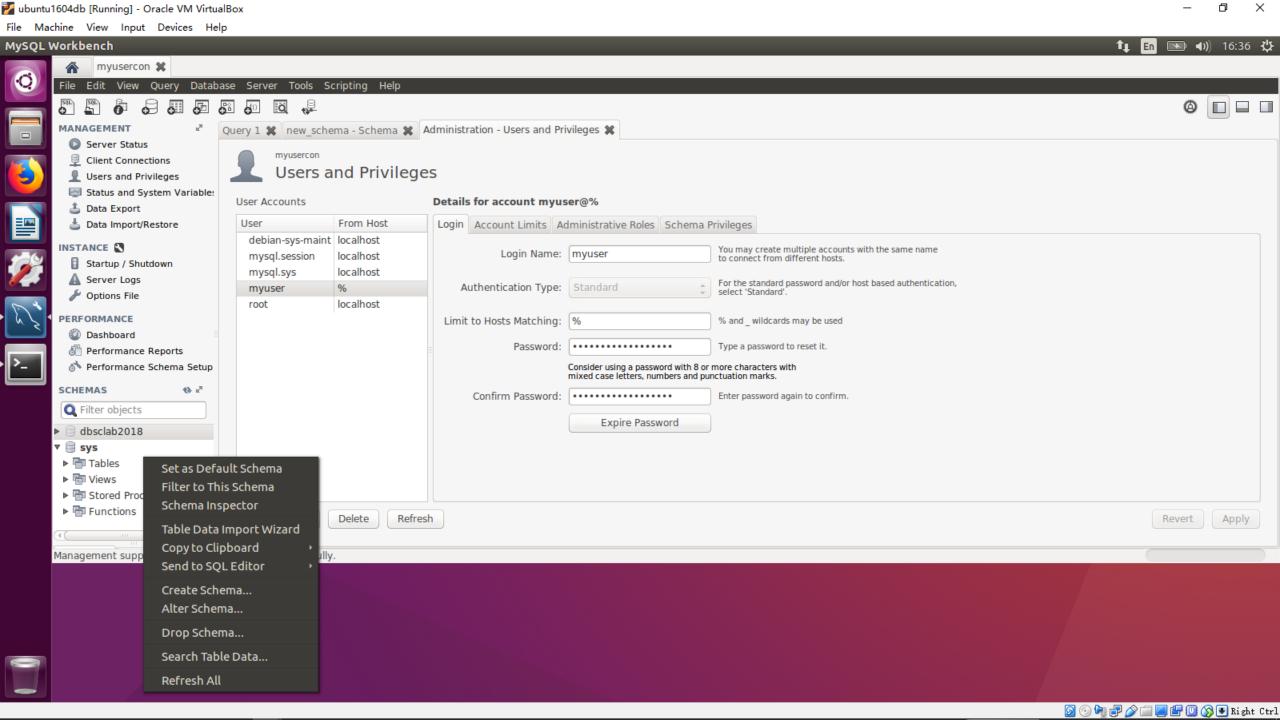


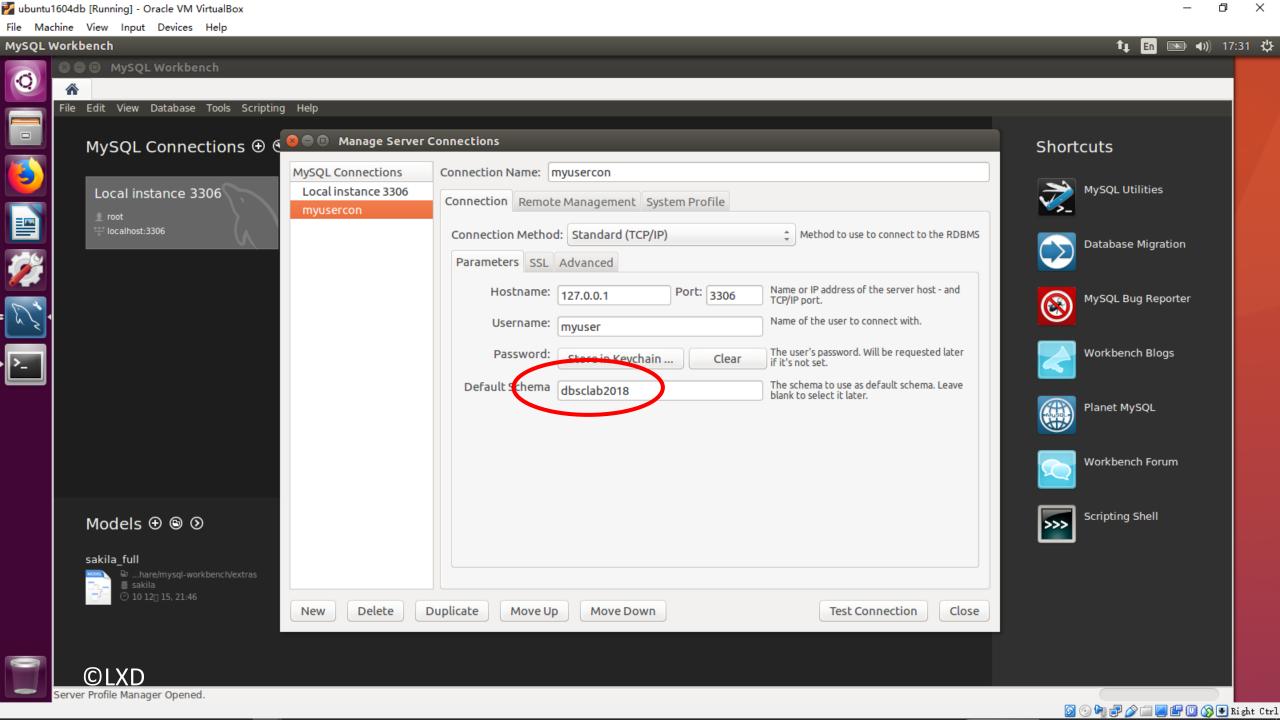


Create a new DB and import some schemas

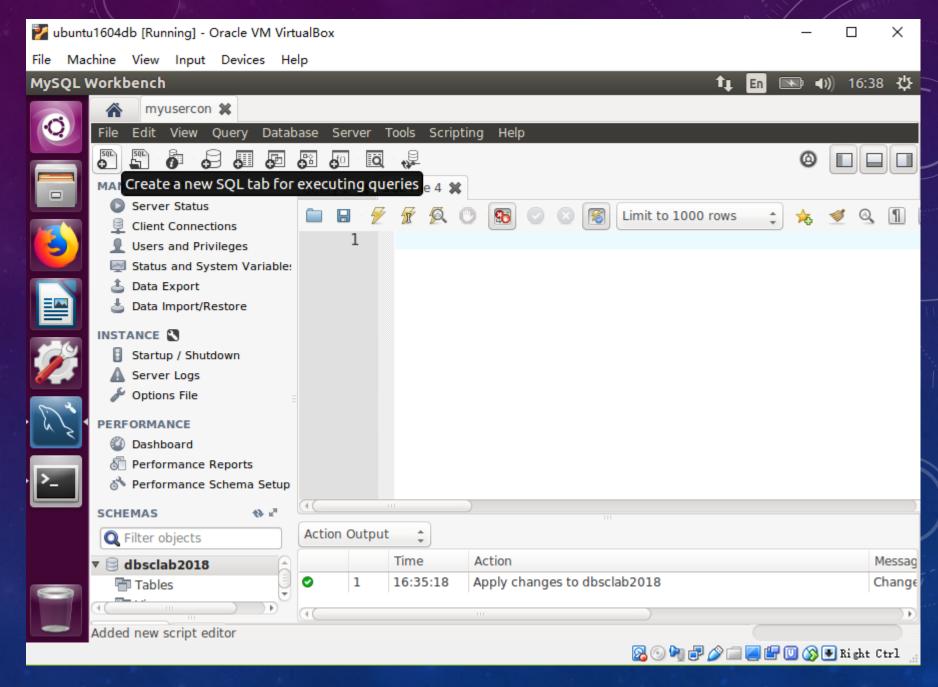
- New DB
  - dbsclab2018







- New DB
  - dbsclab2018

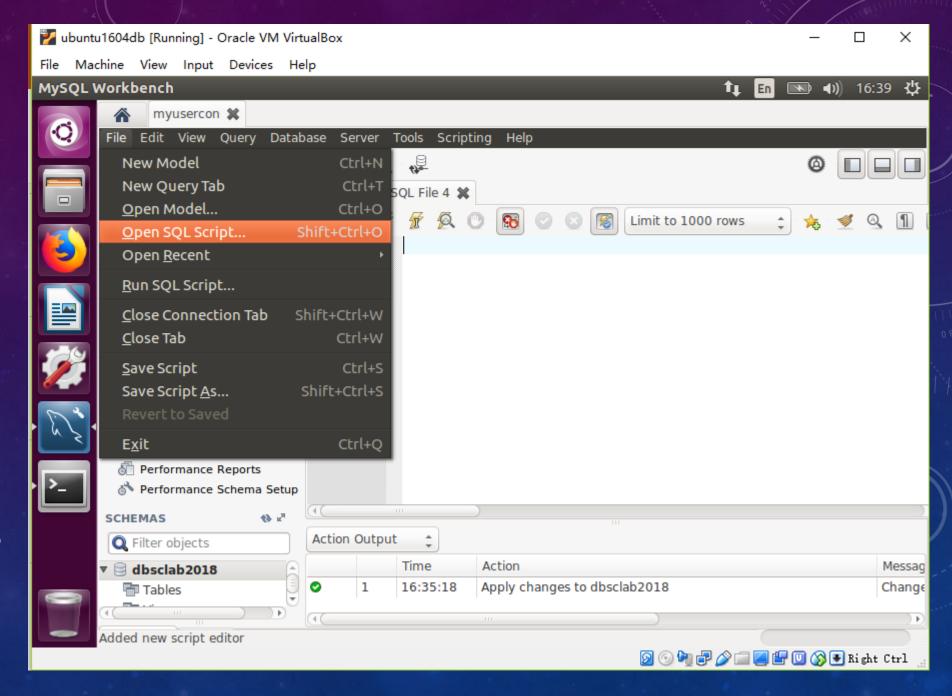


create table stu( id varchar(18), name varchar(18), age int);

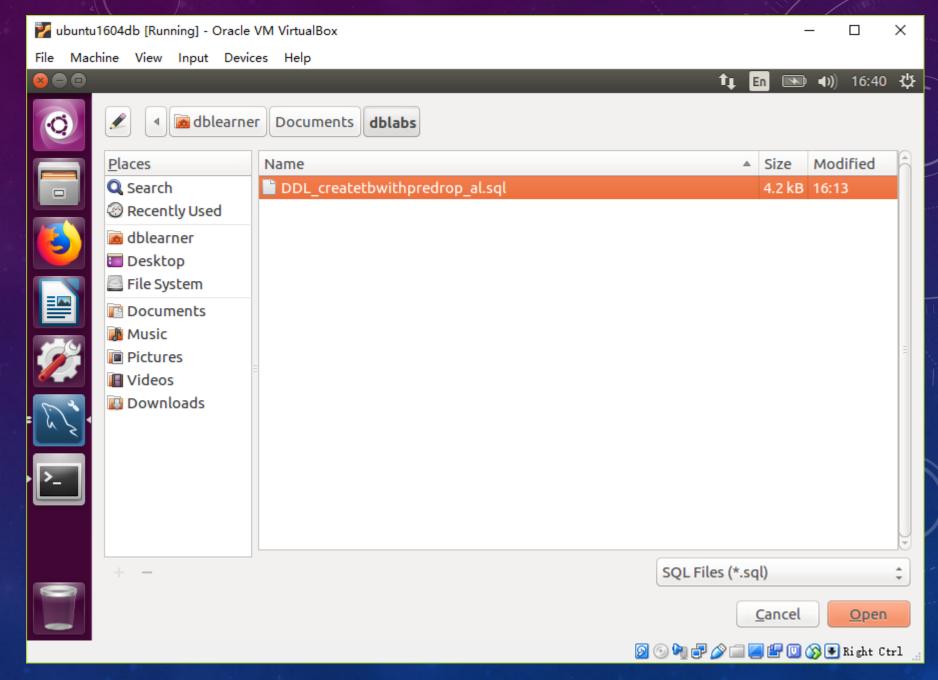
insert into stu
values('123','xiaoming',18);

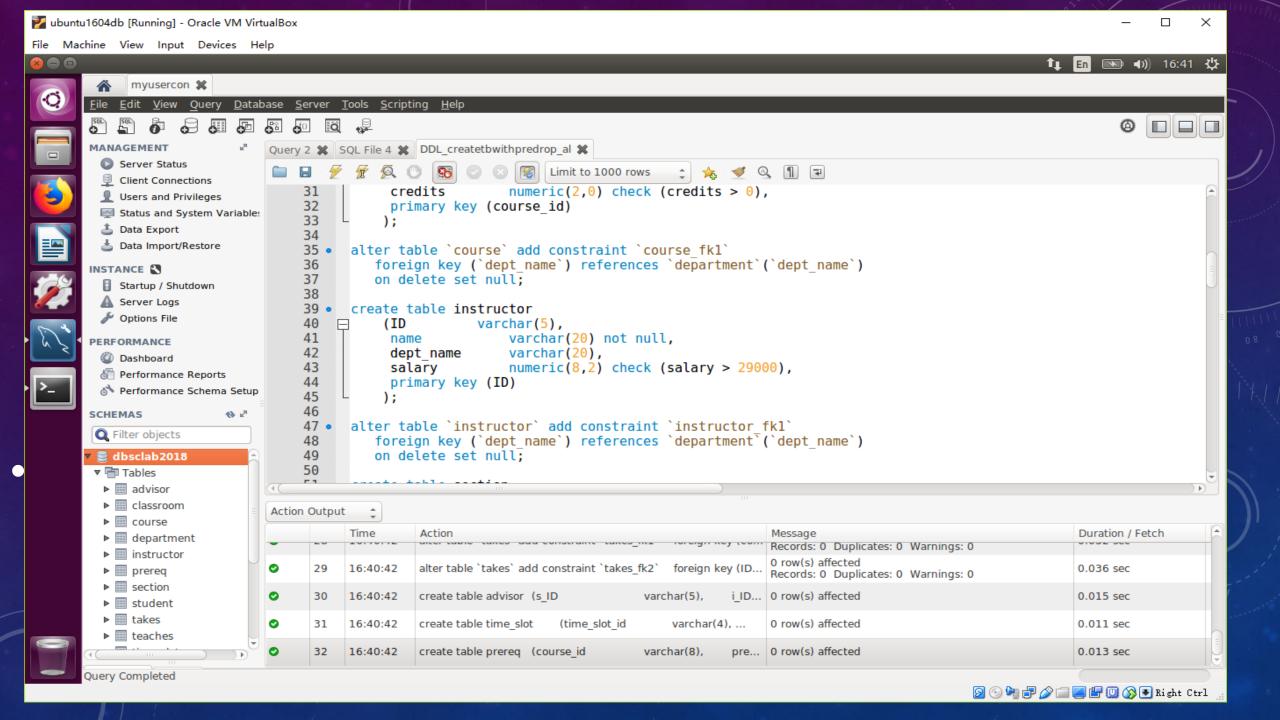
select \* from stu;

- New DB
  - dbsclab2018

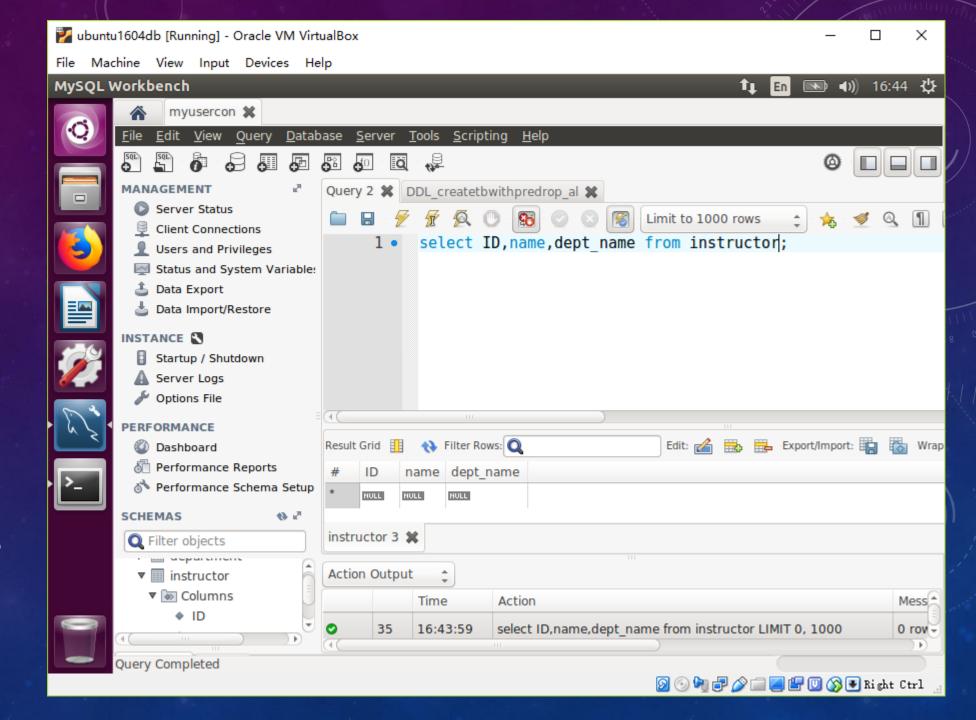


- New DB
  - dbsclab2018

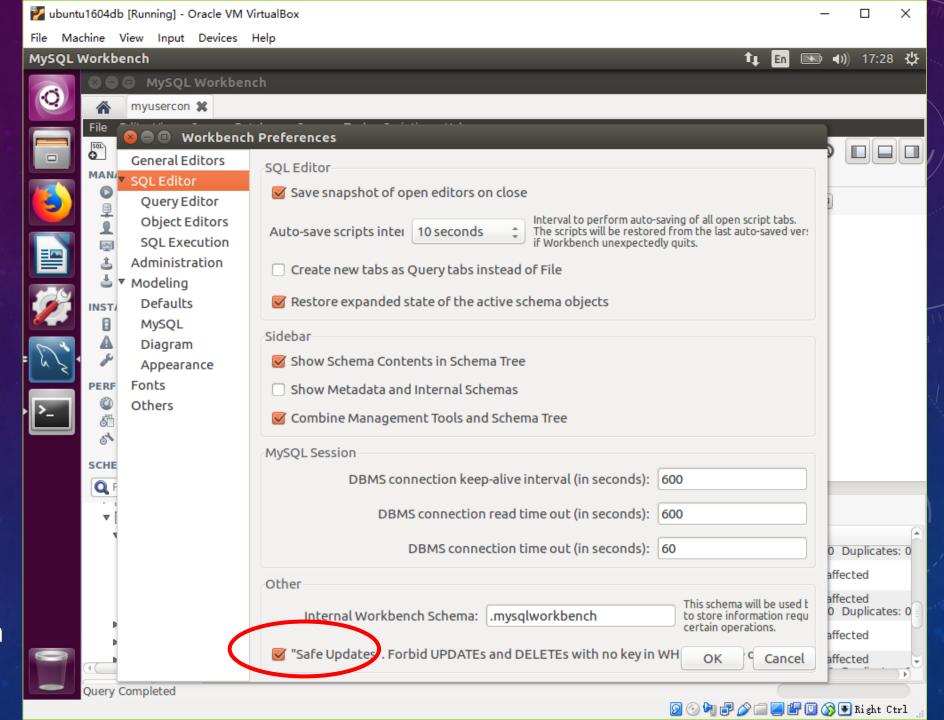




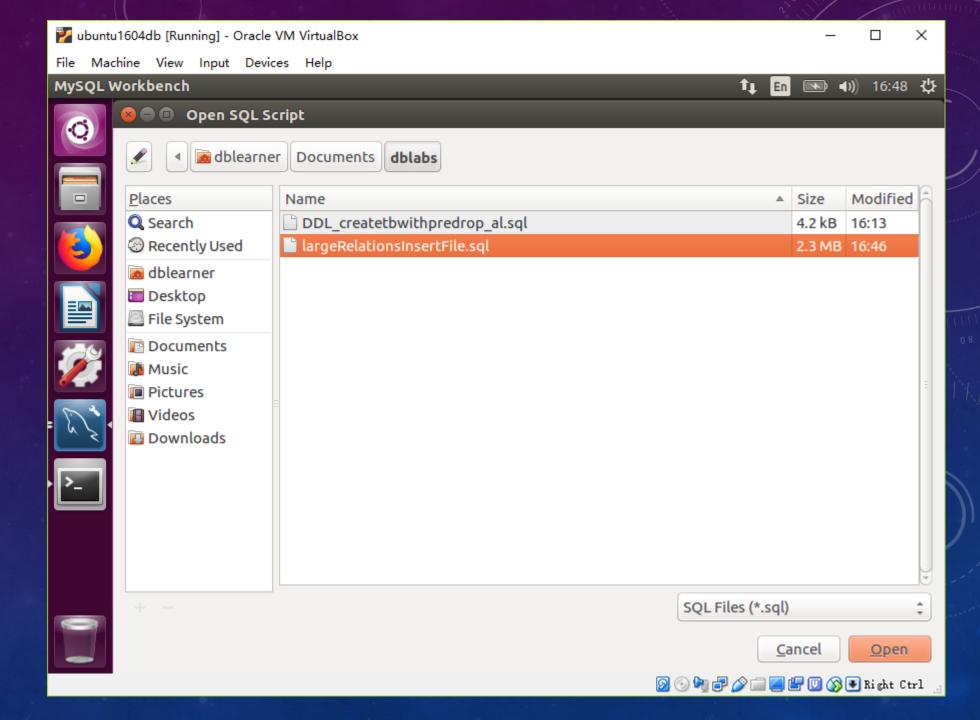
- New DB
  - dbsclab2018



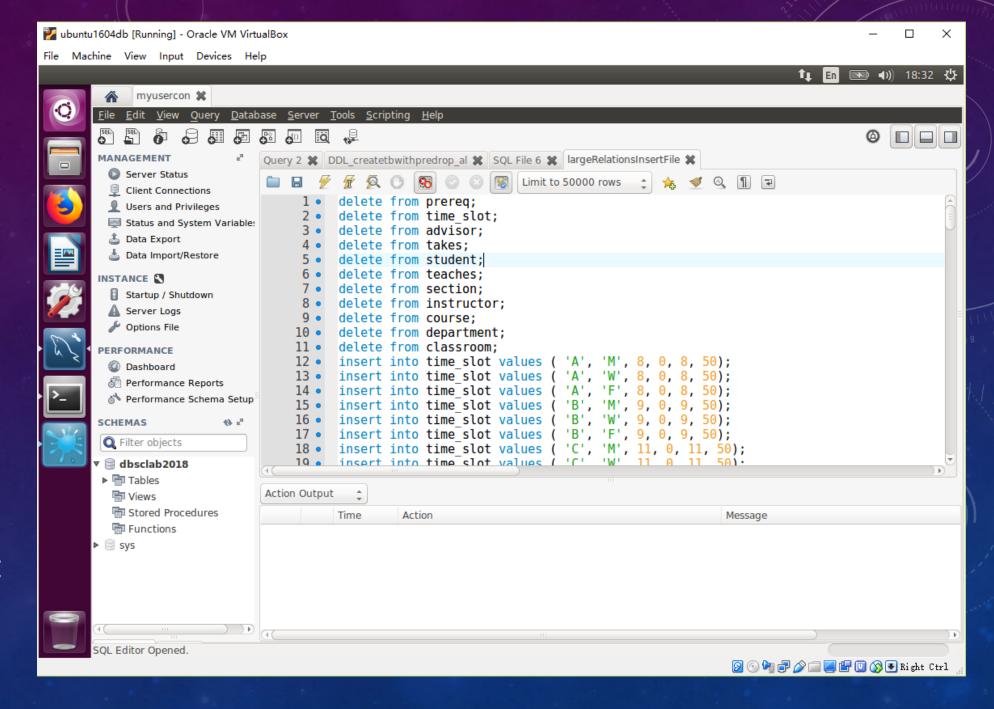
- New DB
  - dbsclab2018
  - Disable SafeUpdates
  - Restart workbench©LXD



- New DB
  - Dbsclab2018
  - Batch import



- New DB
  - Dbsclab2018
  - Batch import



- New DB
  - Dbsclab2018
  - Batch import

```
$mysql -umyuser -p
show databases;
use dbsclab2018;
source largeRelationsInsertFile.sql;
commit;
quit;
```

#### SIMPLE QUERY STATEMENT

#### SIMPLE QUERY STATEMENT

- SELECT \* FROM department
- select dept\_name, budget from department
- select \* from student where dept\_name='History'

#### QUIZ 4

·创建一个员工表,其包括员工工号、姓名、 年龄、性别、联系方式、入职时间、工资, 其中性别的值为"男"或"女"。

