1. 创建一个学院视图departbasicview，该视图包括学院名称depart\_name和楼所building

~查询S开头的名字

~插入一个Soft学院，并查询

~插入一个Comp学院，并查询

create view departbasicview as

select dept\_name,building

from department;

select \*

from departbasicview;

select dept\_name

from departbasicview

where departbasicview.dept\_name like 'S%';

insert into department(dept\_name,building) values ('Soft',null);

select dept\_name

from departbasicview

where departbasicview.dept\_name like 'S%';

insert into department(dept\_name,building) values ('Comp',null);

select dept\_name

from departbasicview

where departbasicview.dept\_name like 'S%';

select \*

from departbasicview;

1. 使用python语言实现rank()排名功能，以instructor表的salary大小排名

import pymysql

# 连接到MySQL数据库

conn = pymysql.connect(

host='127.0.0.1',

database='myuser',

user='myuser',

password='Lp200211',

)

# 执行查询语句

query = """

SELECT dept\_name AS name, salary,

(SELECT COUNT(\*)

FROM instructor AS i2

WHERE i2.dept\_name = instructor.dept\_name AND i2.salary >= instructor.salary) AS srank

FROM instructor

ORDER BY dept\_name, salary DESC

"""

# 切换到指定的数据库

cur = conn.cursor()

# 执行查询语句

try:

cur.execute(query)

except Exception as e:

print('Error:', e)

# 输出结果

for row in cur:

print(row[0], row[1], row[2])

# 关闭连接

cur.close()

conn.close()