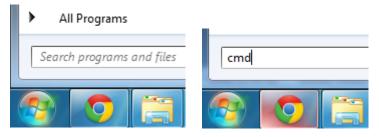
Get the command line



- change drives (igmaend end ) jetyplexam Help
  - C: <ENTER> (where C is the drive letter)
- change to the xampp installation folder, type
  - o cd c:\xampp\mysql\bin <ENTER>

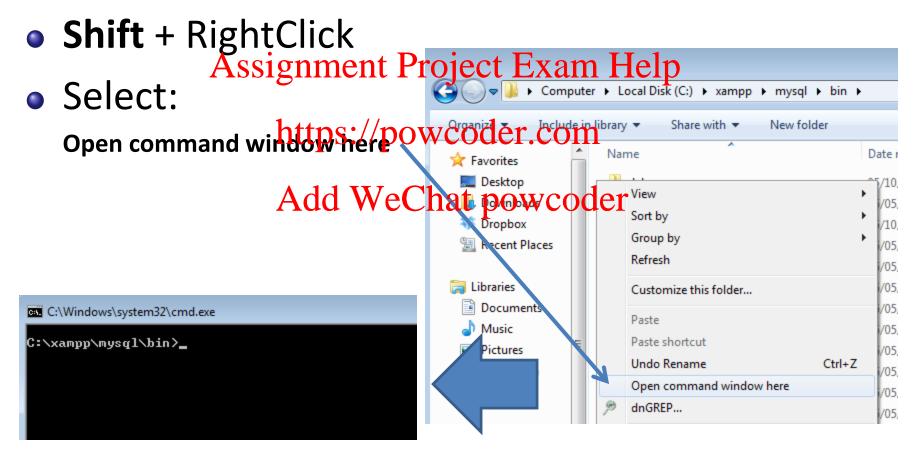
```
C:\Windows\system32\cmd.exe

Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\Gary>C:
C:\Users\Gary>cd c:\xampp\mysql\bin

c:\xampp\mysql\bin>
```

- Win7/10, simpler way.
- Explorer > navigate to xampp\mysql\bin folder



- Login using root and password (if you set one)
- Type the following:

-u: username

-p: password

mysql –u root –p <enter>
Assignment Project Exam Help

And then your password

```
D:\xampp\mysql\bin\mysql\cdot\colored Chat powcoder.

D:\xampp\mysql\bin\mysql\cdot\colored Chat powcoder

Foter password: *******
Welcome to the MySQL maniter. Commands end with; or \g.
Your MySQL connection id is 472
Server version: 5.5.27 MySQL Community Server (GPL)

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

mysql>
```

- xampp comes with cdcol database installed
- cdcol contains cds table.

- To use/changendatabase-(note the apmi-colon):

  use statabase>:
  der.com
- e.g. use cdcol: Add WeChat powcoder
- To show available tables: show tables;

- Show schema/constraints of table, type: describe <tablename>;
- e.g. describe cds;
   Assignment Project Exam Help

#### Import an existing database

- You are provided with example script which construct tables used in lecture: cs250.sql
- Download cs250.sql from blackboard
- Save it in xampp/mysql/bin folder.

https://powcoder.com

- There are two ways to heben when ort database from a .sql file.
  - 1. Use MySQL under window prompt
  - 2. Use MySQL's source command within MySQL

#### 1. Use MySQL under window prompt

Type in command prompt: mysql –u root –p < cs250.sql</li>

```
c:\xampp\mysql\bin>mysql -u root -p < cs250.sql
Enter password:

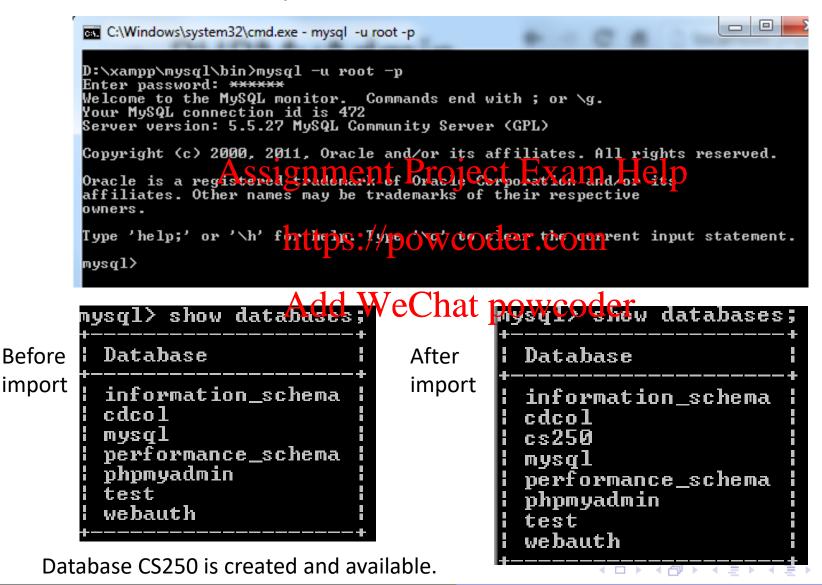
c:\xampp\mysql\bin>
Assignment Project Exam Help
```

Extra: what is the meaning of < under prompt: redirect standal pour power der.com

What is standard input? The cursor where you can type! Add WeChat powcoder

## 1. Use MySQL under window prompt

Now, GO into MySQL, check if the database is created.



# 2. Use MySQL's source command

If Method 1 works, you need not run this.

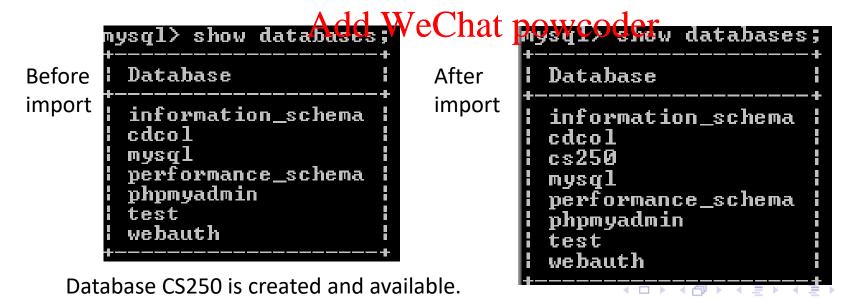
• Inside MySQL, type: source <drive\path\filename>

```
mysql> source cs250.sql
query OK, 8 rows affected (0.03 sec)
Query OK, 1 row affected (0.00 sec)

Database changed
e.g. source exign pronty environce to the source of the second of the
```

note: NO quotes, NO semi-colon at the end

note: if drive\path is omitted, assume same folder as mysql



• What is in cs250.sql?

• SQL DDL 5 -- and statements Assignmen

To be covered at week4 Lecture 8

```
-- reset everything
    -- drop the cs250 database
    drop database if exists cs250;
     -- and to create a new one
    create database if not exists cs250;
           t Project Exam Help
     -- use cs250 database
     use cs250;
   □create table prof(
         name char (20)
         dept char(20),
         rank char (20),
         sal integer,
17
18
         primary key (pid)
19
    );
20
21
     -- add some data into prof
22
     insert into prof values ('p1', 'Adam', 'CS', 'asst', '6000');
23
     insert into prof values ('p2', 'Bob', 'EE', 'asso', '8000');
24
     insert into prof values ('p3','Calvin','CS','full','10000');
25
     insert into prof values ('p4','Dorothy','EE','asst','5000');
26
     insert into prof values ('p5','Emily','EE','asso','8500');
     insert into prof values ('p6','Frank','CS','full','9000');
```

- To test SQL statements taught in lecture
- Use cs250 database.

 Type SQL in MySQL, Assignment Project Exame He semi-colon

https://powcoderscom

CS full 10000 EE 5000 Dorothy asst oderiy FF 8500 asso CS full 9000 *p*6 Frank

PROF

dept

CS

FF

rank

asst

asso

sal

6000

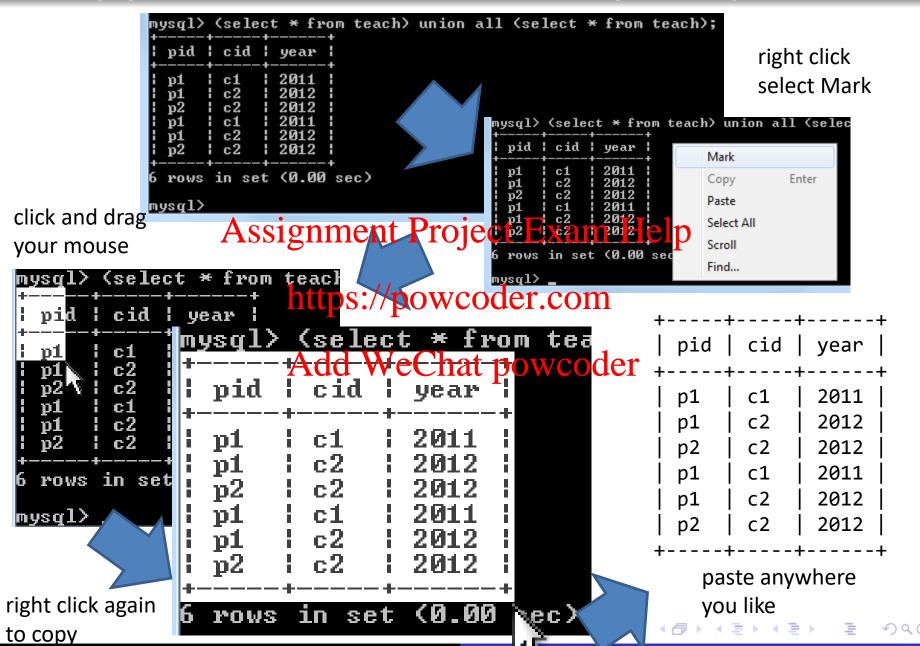
8000

```
use cs250;
                       Add WeChat
Database changed
mysal> select * from PROF
      where rank = 'asst';
                 dept
 pid
                        rank | sal
       name
       Adam
                 Dorothy
                        asst
 rows in set (0.00 sec)
musal>
```

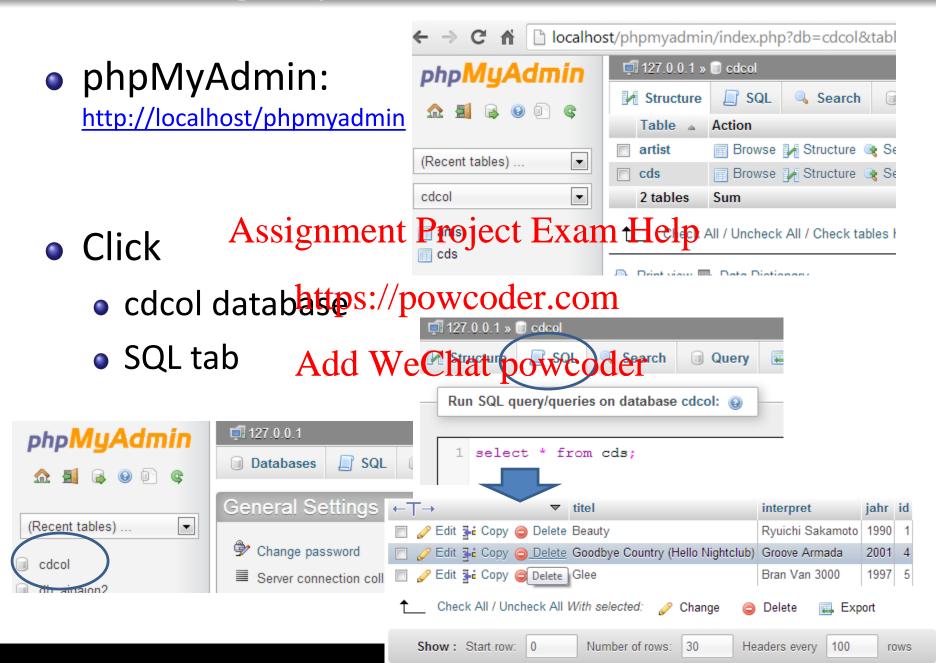
select \* from PROF where rank = 'asst'

 $\sigma_{\rm rank} = "asst" (PROF)$ 

# Copy data from command prompt



XAMPP



## phpMyAdmin

- Useful, but you are warned:
  - Need to deal with collation and language settings
  - UI is messy and not intuitive
  - Commandianment Praject Exam Help

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- Importantly, fan wourgareer & job search:
  - On linux (OpenSource, Free) / unix
    - phpMyAdmin very likely NOT available!
    - Often ONLY text prompt is available
  - And, know the SQL command is a MUST!!!