

# SQL Setup

[Re-submit Assignment](#)

**Due** Apr 9 by 12:59pm      **Points** 10      **Submitting** a text entry box or a file upload

Do the following and then upload a .pdf file in Canvas.  
See the "Content" area on this course's Canvas page for where to upload.

1) Install the correct version (windows vs mac vs linux) of mysql:

<http://dev.mysql.com/downloads/mysql/> [\(http://dev.mysql.com/downloads/mysql/\)](http://dev.mysql.com/downloads/mysql/)

If you are on Mac, I highly suggest you install mysql via Homebrew (<https://brew.sh/> [\(https://brew.sh/\)](https://brew.sh/)) instead of downloading the package from the above website.

2) Make sure it works. Here is an example of commands to try:

- > unix commands to find and start using mysql
- > Mac users: use "terminal" under Applications/Utilities
- > windows users: use the command prompt

```
cd /usr/local/mysql/bin  
./mysql -u root -p
```

- > when it asks for a password just hit return, for older installations by default there is no password, for
- > the newest installation it sets a root password, you should see a prompt during the installation, note/record this password.
- > You may want to change the root password like this (which changes the root password to "ilovesql"):

```
ALTER USER 'root'@'localhost' IDENTIFIED BY 'ilovesql' ;
```

- > Now inside of mysql see what databases exist, create one, then connect to it
- > with the "use" command:

```
show databases ;  
create database test ;  
show databases ;  
use test ;
```

- > now that we are connected to "test", see what tables exist (none), create
- > a table, use the "describe" command to see its properties, insert some data,
- > select some data

```
show tables ;  
create table students (id int primary key, name varchar(20) not null, age int) ;
```

```
show tables ;  
describe students ;  
  
insert into students values( "1", "Bob", "18") ;  
insert into students values("2", "Bob", "19") ;  
insert into students values("3", "Bob", NULL) ;  
select * from students ;  
insert into students values("3", "Sue", 20) ;  
insert into students values("4", NULL, 21) ;
```


### 3) Upload to Canvas proof that you got it working:

Once you have made sure it works, upload to Canvas a .txt or .pdf file that shows you got it to work. You can grab screen shots, cut-and-paste, or use the unix command "script" which creates a file called "typescript" and the responses you received. Note, to exit "script" just type "exit".

## Course Chat

40  
people  
online  
▼

New  
message  
alerts  
☒



Send