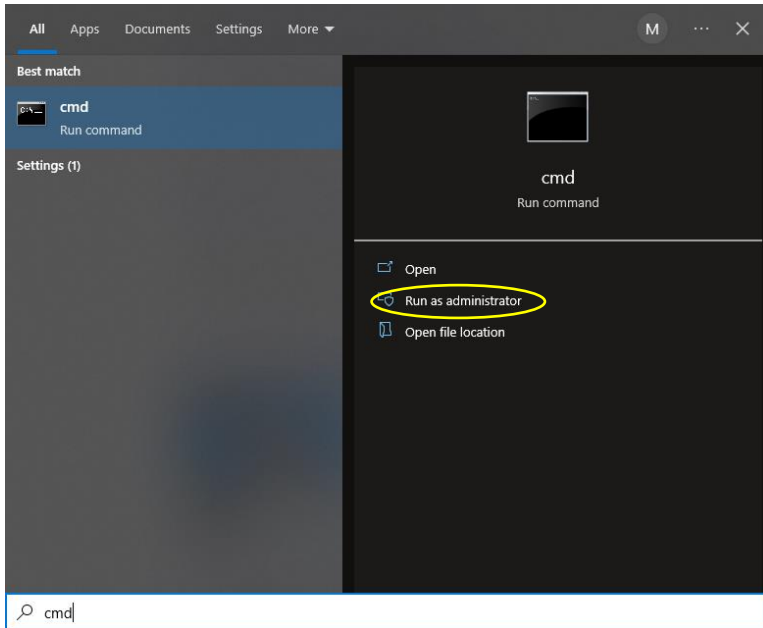


## HOW TO SAVE A MYSQL DB AND PORT IT TO ANOTHER COMPUTER

Let's say that you start creating the MySQL database on one computer and you want to be able to finish working with it on a different computer. You need to perform the following steps in order:

Step 1: Close (Quit) MySQL with your database work thus far

Step 2: Open the Windows Command Prompt window (Run as Administrator ideally, otherwise Open)



Step 3: In response to the prompt enter the highlighted text below to change to the MySQL bin directory:

```
Administrator: C:\Windows\System32\cmd.exe
C:\Windows\System32>
C:\Windows\System32> cd c:\Program Files\MySQL\MySQL Server 8.0\bin
c:\Program Files\MySQL\MySQL Server 8.0\bin>
```

Step 4: "Dump" out a copy of your database to a destination such as a thumb drive (D: in the example below):

```
c:\Program Files\MySQL\MySQL Server 8.0\bin>mysqldump.exe -uroot -proot students > D:/students.sql
mysqldump: [Warning] Using a password on the command line interface can be insecure.
```

Check the destination to make sure the database has been saved there.

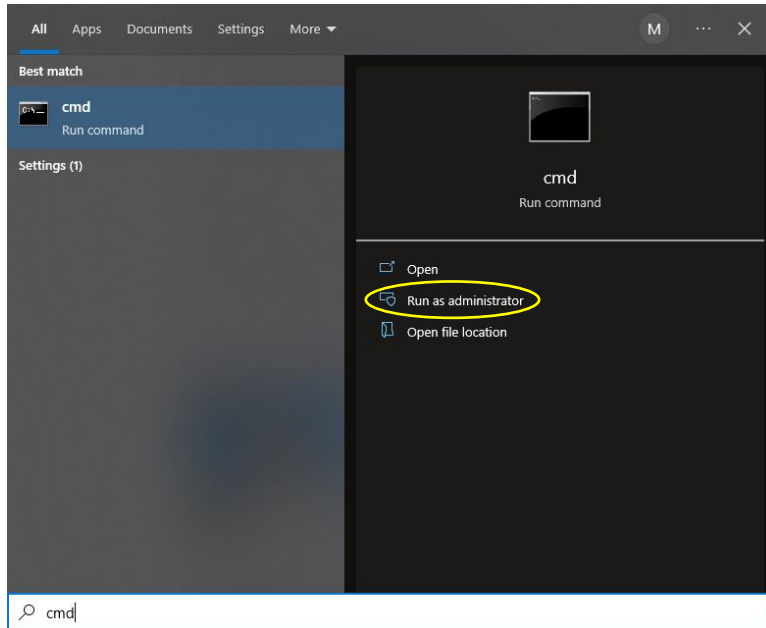
Step 5: On the next computer where you wish to continue working on your .sql database, it is easiest if you create an empty database in MySQL on that computer before importing your database. So, **launch MySQL**

Step 6: `mysql> create database somedatabasename;`

Step 7: Verify that the database has been created:

`mysql> show databases;`

Step 8: Now launch the Windows Command Prompt window (Run as Administrator ideally, otherwise Open):



Step 9: Navigate to the MySQL bin directory:

```
Administrator: C:\Windows\System32\cmd.exe
C:\Windows\System32>
C:\Windows\System32> cd c:\Program Files\MySQL\MySQL Server 8.0\bin
c:\Program Files\MySQL\MySQL Server 8.0\bin>
```

Step 10: Copy your database into your current system's MySQL environment:

```
C:\Program Files\MySQL\MySQL Server 8.0\bin>mysql -u root -p somedatabasename <
c:/users/mpolk/documents/classdemo.sql
Enter password: ****
```

Step 11: Now go back to MySQL Command line and make sure that the database has been copied:  
`mysql> show databases;`

And if so, you are "ready to roll"