

Watch videos before starting the homework.

Part I. Import to the DB from csv File

Instead of using sql to insert many rows into our table we can import them from a spreadsheet.

1. Create any table you want in the database. Note: Not related to the project and not from the example. Think about a table you think would be fun to create.
2. Add at least 10 rows to it using a CSV file. You can use Microsoft Excel but save as a Comma Separate Values .csv file (NOT CSV UTF-8 Comma Delimited).
 - a. In phpmyadmin, click on the table name.
 - b. Go to import
 - c. Select choose file and browse to the file of your choice.
 - d. Select CSV option under format (Note: Use CSV and not CSV using load data)

Part II. Create a Python program to Connect with the DB

1. Create a python file which does the following:
 - a) Connect to your database – remember your database is something like is455_fall2026. Your username and password is root. See my sample code template. Before you run your python code, in the terminal you will need to run pip3 install pymysql.
 - b) Add code to insert rows into the table created above in Part 1. Use the user-friendly option where the user enters the values.
 - c) Add code to retrieve either all or some the rows/columns in the table. Have it look nice and make sense.

Part III. Submission

Zip a folder which contains the following to the folder titled Web Application in the assignments tab:

- A. Your csv file.
- B. The python file(s).
- C. Output file (showing me that the select and insert works!) or video.