

CSD-4523: Python II

Assignment 5 – 5% (CRUD Operation Using Vs-code/PyCharm and SQLite/MYSQL)

Create GUI based python application, perform the following activities step by step with brief description of the code

(a). Install DB software (MYSQL/SQLITE)

(b) Create a database.

- Database Name -> [YourFirstName] -> e.g. Nishant

(c) Create a Table with following Structure

Table Name: [YourFirstName_Last3digitsofstudentnumber] – i.e. Nishant_997

StudentID	Suitable Datatype
StudentFirstName	Suitable Datatype
StudentLastName	Suitable Datatype
City	Suitable Datatype

- Show relevant screen shots including the script

The application should allow the user to do the following:

- connect to the database.
- Display all records on a list box,
- Insert a new record (get the user input using appropriate entry
- update or/and delete a record

Note:

- **Replace 997 with last 3 digits of your student number**
- **Create a Word document with all relevant screen shots + brief explanations of important steps**
- **Convert the word document to PDF and upload to Moodle**
- Customize the code as much as possible
- Follow instructions
- Add comments to the program
- **Late Submissions will not be accepted/ Marked**