Installing PYCHARM:

- Install pycharm on the PC from https://www.jetbrains.com/help/pycharm/installation-guide.html
- The installation steps are as follows, https://www.guru99.com/how-to-install-python.html
- After installing create new project with name "Housing_Admin_System"
- Open the DB_project.py file

Install connector modules in PYCHARM:

- Install mysql-connector and mysql-connector-python in pycharm. Refer the link below: https://www.jetbrains.com/help/pycharm/installing-uninstalling-and-upgrading-packages.html

Installing MySQL:

- Install mysql from this link: https://dev.mysql.com/downloads/installer/

    Note: For authentication method, select "Use Legacy Authentication Method".

Creating database and tables and inserting data:

- Open mysql command line client and execute the following statements in sequence..
    Note: after source please specify the location where the file is stored.
    1. Creating database:
        source C:\Users\STSC\Documents\Housing Administration system\create.sql
    2. Using database and Creating Tables:
        source C:\Users\STSC\Documents\Housing Administration system\createdb.sql
    3. Inserting Data:
        source C:\Users\STSC\Documents\Housing Administration system\insertdb.sql

Changing the connection string:

Please update the password and username in my_db according to your system in DB_project.py.

```
mydb = mysql.connector.connect(host="localhost", user='root',
password='3377', auth_plugin='mysql_native_password',
                        database="housing_admin_system")
```

Dropping the tables:

After completing the execution drop the tables by executing the following command in mysql command line client.

source C:\Users\STSC\Documents\Housing Administration system\dropdb.sql

Note: after source please specify the location where the file is stored.