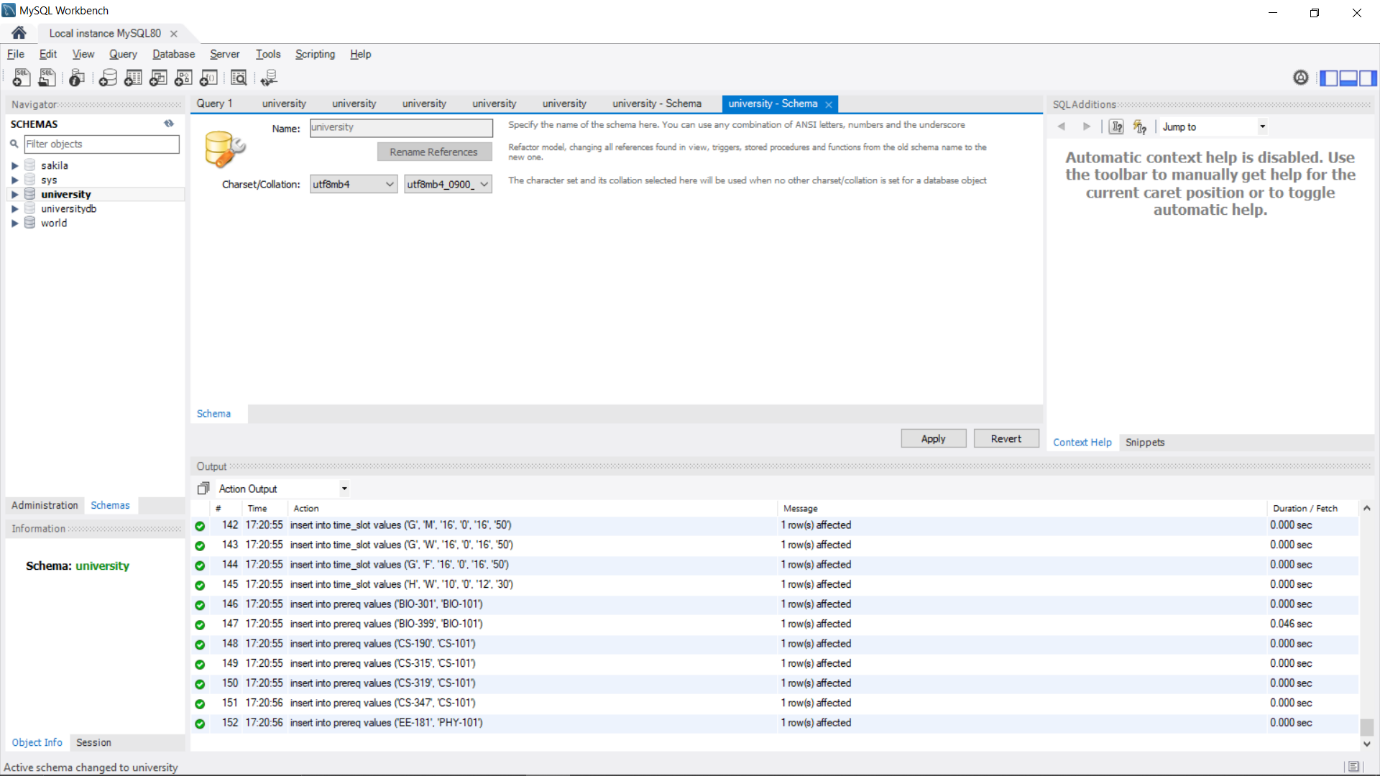
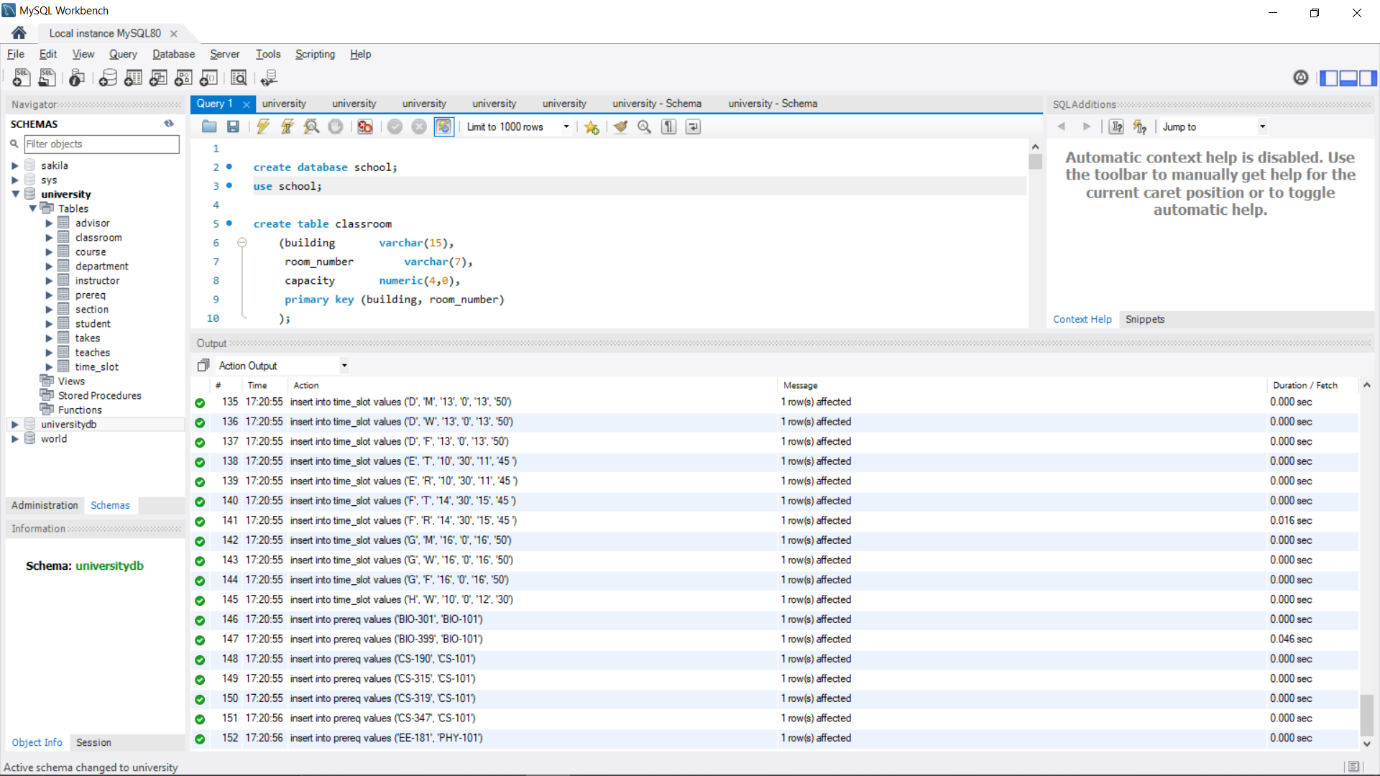
ASSIGNMENT -2

NAME: -Mohammed Sharikh Irfaan.

Section: -02

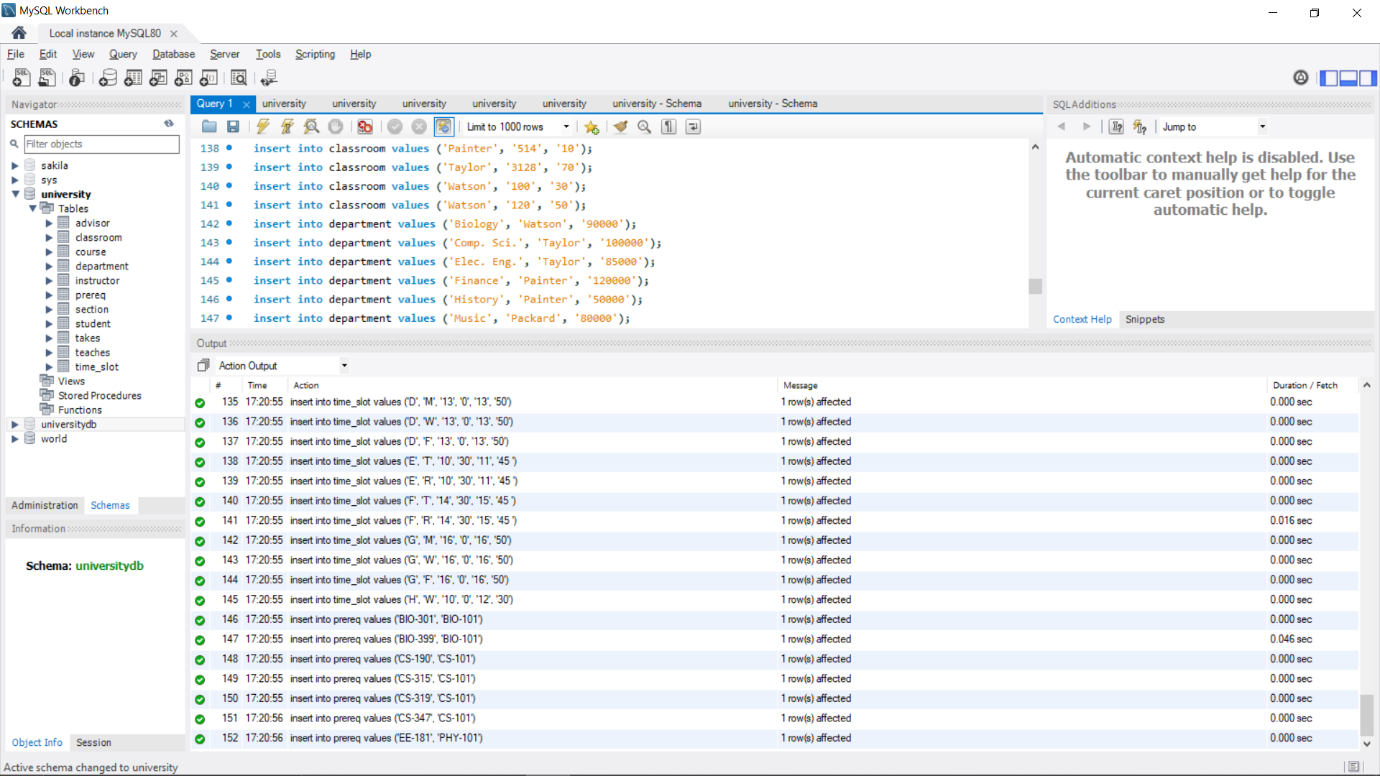
Subject code: -CSCE 5350

* Firstly, I have installed the MySQL Workbench 8.0 C. E and platform independent database driver and the eclipse IDE. tools are helpful for accessing and managing database contents.

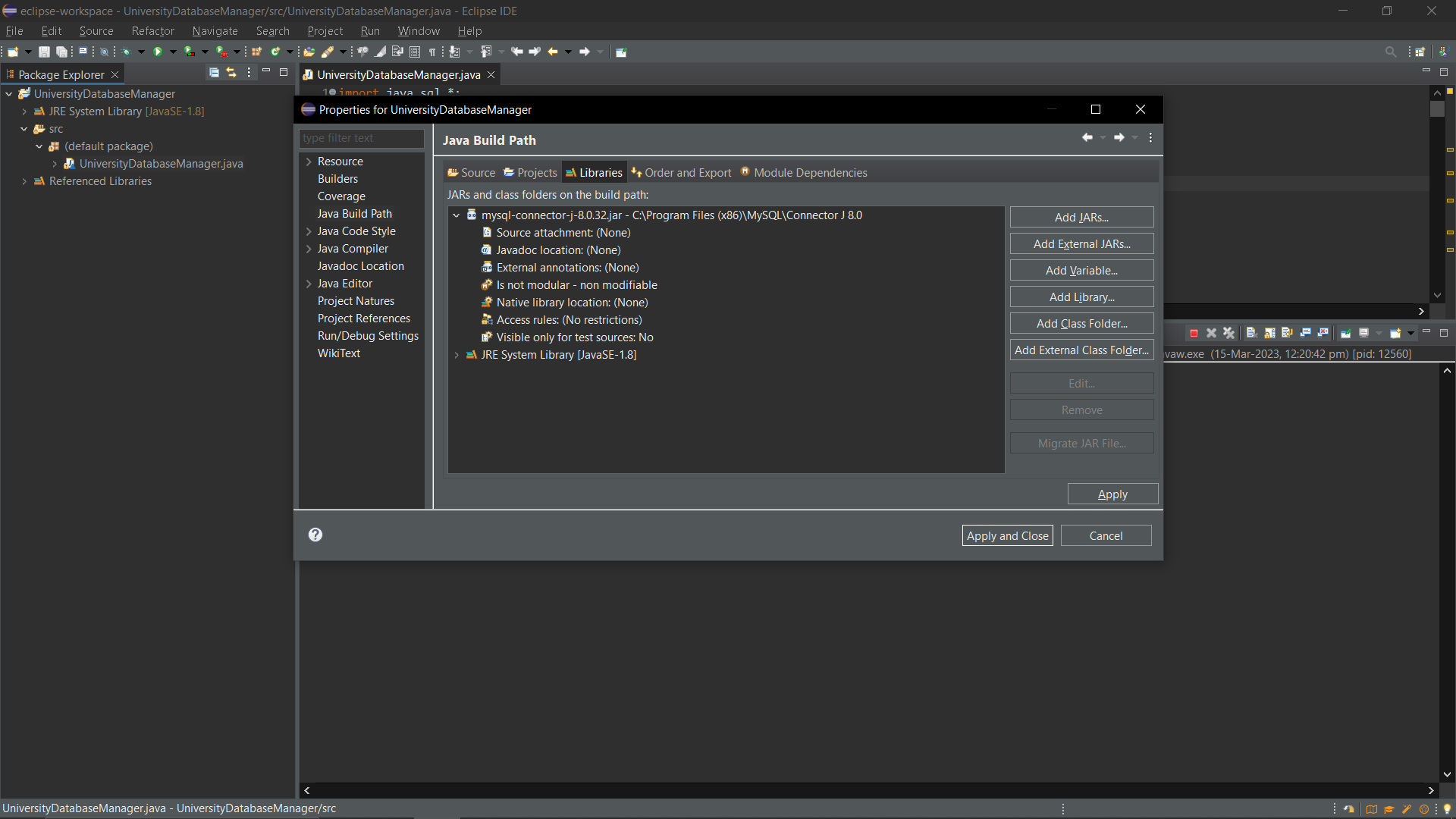
**1a).** I have downloaded University Database from class university website and loaded into MySQL Workbench 8.0 C. E database server.

Here I have loaded all the tables from the university database into MySQL database servers

**1b**) I have loaded simple data set into database server same as above for DDL and by running this we obtained this output.



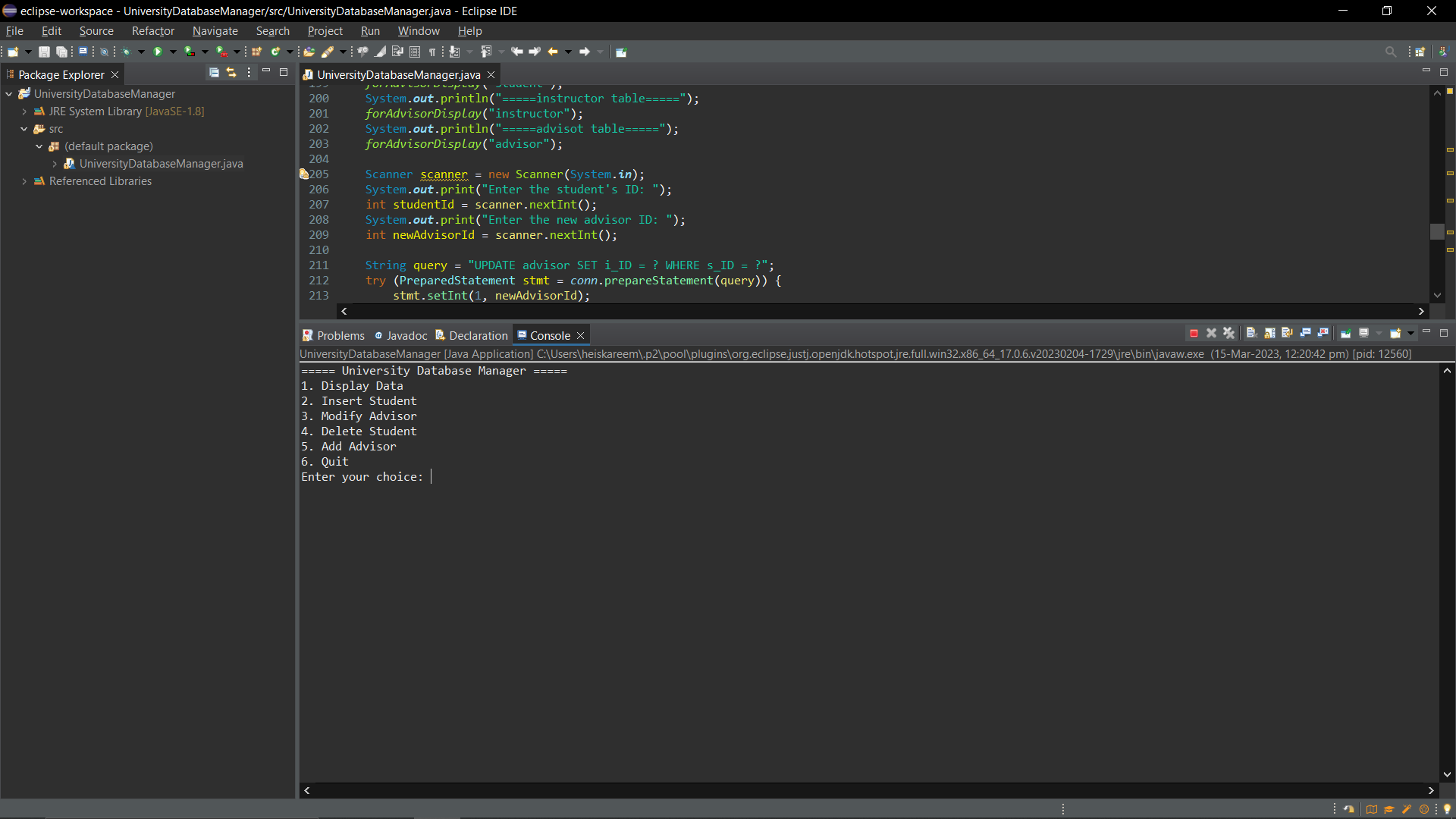
**1c)** mysql-connector.java, a database driver for Java, was downloaded and installed on the system. Via the provided link, the file is downloaded.

****

Text

Description automatically generated**1d)** **I.** The program is created through Java program to display the options of table names and requests a choice as input; following input, the chosen tables are shown.

1. **Displaying the main menu content and ask to enter our choice.**



1. If user wants to view **“Instructor table”** then they need to choose for option **“1”** and it will display the contents in **“Instructor table”**.

Text

Description automatically generated

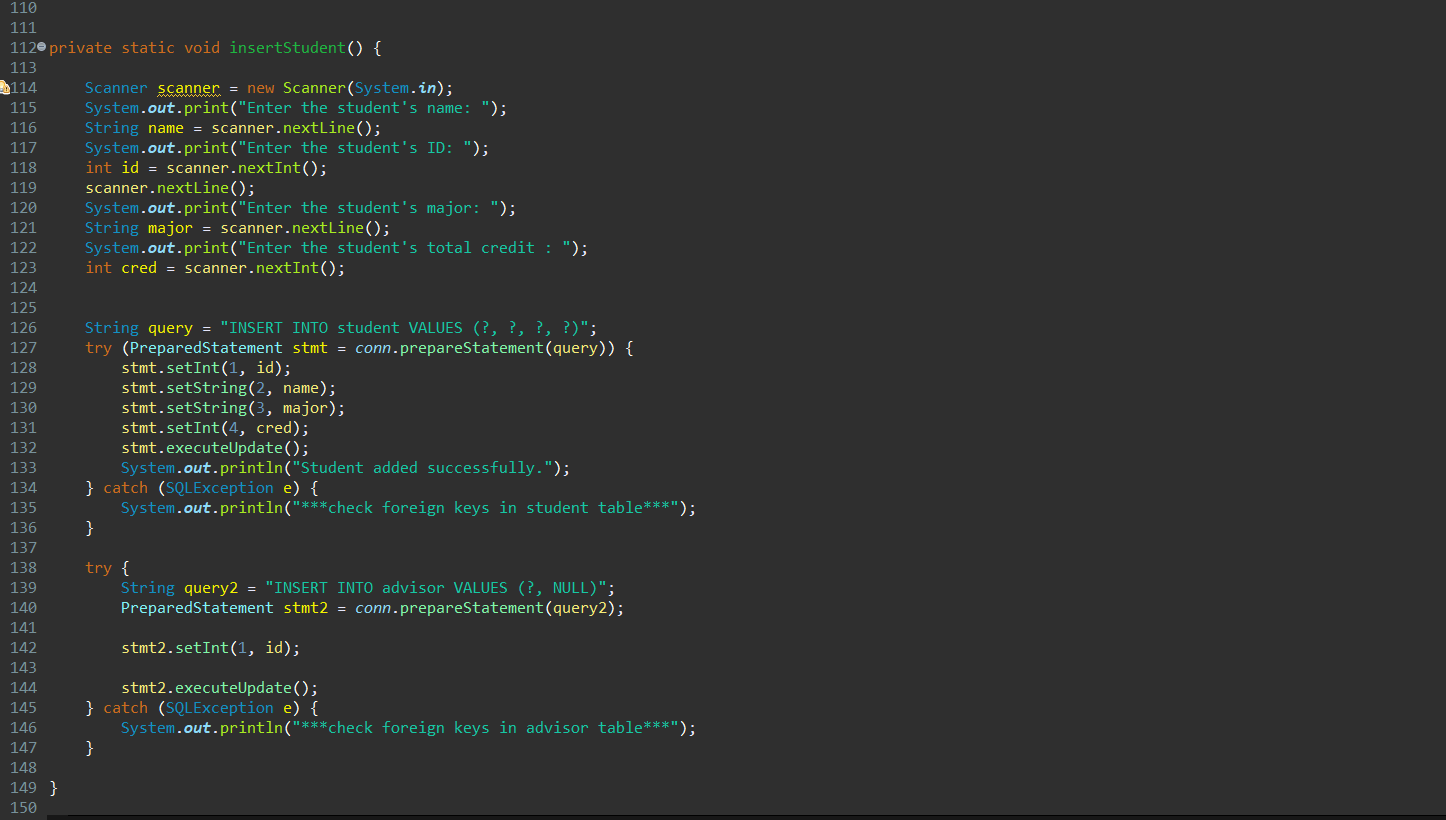
1. If user wants to view **“Advisor table”** then they need to choose for option **“1”** and it will display the contents in **“Advisor table”**.

Text

Description automatically generated

1. Text

   Description automatically generatedIf user wants to view **“Student table”** then they need to choose for option **“1”** and it will display the contents in **“Student table”**.

**1e )** If user want to insert a new student record into the student table it follows through below program.

**Text

Description automatically generatedii)** The user needs to enter choice “2” and it asked to enter the data for new student record as below mentioned.

Verifying in MySQL workbench

Graphical user interface, text

Description automatically generated with medium confidence

**1f)** If user want to Modify advisor table, it follows through below program.

Text

Description automatically generated

**1f)** In order to list Advisor classes and add a menu item.Text

Description automatically generated

**1f)** The user can view the advisor classes if they choose option 3 from the menu.

Text

Description automatically generated

After entering new record of the student, the current advisor is **“null”.**

Text

Description automatically generated

An advisor is allotment to the new student record which has updated successfully.

Text

Description automatically generated

Verifying in MySQL Workbench.

Graphical user interface, text, application, Word

Description automatically generated

**1g)** adding delete for student table in main menu.Text

Description automatically generated

**Enter student id if student it match with the tables it will show data of the student. After showing the data it will give two options either delete or not to delete.** Text

Description automatically generated

Verifying in MySQL Workbench

Graphical user interface, text, application

Description automatically generated