





Interface – Front End/Back End

The screenshot displays a Java IDE environment with the following components:

- SQL Editor:** Contains several SQL queries for inserting data into the 'Institution' and 'Affiliation' tables. The queries are numbered 82 through 90.
- Result Grid:** Shows the results of a query, displaying a table with columns 'institution_ID' and 'institution_name'. The data includes Chicago University (1342), Oxford University (5342), Harvard University (5753), Notre Dame (6452), and Cambridge University (7865).
- Project Explorer:** Lists the project structure, including 'GUIselectdb', 'JRE System Library', and various source files like 'CreateAcademic.java', 'DeleteAcademic.java', 'ReadAcademic.java', etc.
- Code Editor:** Displays the Java code for the application, including the main method and the logic for handling button clicks (e.g., 'btnAffiliation', 'btnAuthoring', 'btnReview', 'button').
- GUI Window:** A dialog box titled 'Select the table you want to view:' with buttons for 'Academic', 'Affiliation', 'Institution', 'Authoring', 'Article', 'Review', and 'Exit'.

Future Suggestions

- ❑ Website
- ❑ Search algorithms for article titles
- ❑ User – Friendliness
- ❑ Expansion of database (more universities, more data)