

Q.1 Develop a "Student Information System" using JDBC and MS-Access with the following requirements:

1. Create a database in MS-Access with a table `student` having fields: `ID` (Number), `Name` (Text), and `Course` (Text).
2. Create a Swing GUI using `JFrame` with labels and text fields to input student data.
3. Implement an "Insert" button to save data into the database using `PreparedStatement`.
4. Add a "View Data" button that fetches records from the database using a `ResultSet` and displays them in a `JTable` component.
5. also Applying Update and delete method.