Write a program that creates and analyzes databases for a certain university using SQLite. First, the program creates a database for departments' data. Then, the program uses it to create a "students" database and make various calculations.

The program should:

- Display a message stating its goal
- Create a "departments" database (SQL table), with following columns:
    - Name - for the department name
    - StudentTotal - for the total number of students in the department
    - Honors - for the percentage of honor students in the department, defined as students with a GPA above 92 (out of a 100, use a decimal number for the percentage).
    - Probation - for the percentage of students on academic probation in the department, defined as students with a GPA below 60 (use a decimal number for the percentage)
- Prompt the user to enter a department name
- Turn the entered name into all Uppercase
- Check if the department name already exists in the database
    - If so, ask the users if they would like to modify it or try again.
- If the department name doesn't exist or if the users chose to modify the values for an existing department, prompt the users for the following inputs (to be stored in the database):
    - Total number of students in the department (check that the input is a whole number!)
    - the percentage of honor students in the department (use a decimal number for the percentage).
    - the percentage of students on academic probation in the department (use a decimal number for the percentage)
- The program should ask the users if they would like to enter data for another department or calculate the statistics

Once the users select to calculate the statistics, the program should **c**reate another SQL table named "students" with the following columns and rows (values) for each student in the university (The number of students should be based on the data from the previous table):