

1. Start Program
2. Include necessary libraries
3. Connect program to the database
4. Function to check if students exist
5. Function to validate user inputs
6. Repeat loop to ensure user inputs are correct
 - Check and validate user inputs
 - If inputs are correct, save them; otherwise, display a validation message
7. Function to add students
 - Display message to user: "To add a student"
 - Call function to validate user inputs
 - Prompt user to input student's name, surname, age, description, registration date, and enrolled courses
 - Validate user inputs
 - If inputs are invalid, display an error message; otherwise, check if the student exists
 - If the student exists, display a message indicating the student already exists; otherwise, add the user inputs to the database and display a success message
8. Function to delete students
 - Display message to user: "To delete a student"
 - Prompt user to input the student's ID
 - Validate user input
 - If input is invalid, display an error message; otherwise, check if the student exists

- If the student doesn't exist, display a message indicating the student is not found; otherwise, delete the student's data from the database and display a success message

9. Function to update student information

- Display message to user: "To update student information"
- Prompt user to input the student's ID
- Validate user input
- If input is invalid, display an error message; otherwise, check if the student exists
- If the student doesn't exist, display a message indicating the student is not found
- If the student exists, retrieve the student's data from the database, display the data, and call the function to validate and update the user inputs
- If inputs are invalid, display an error message; otherwise, update the student's information in the database and display a success message

10. Function to display student data

- Display message to user: "To display student data"
- Prompt user to input the student's ID
- Validate user input
- If input is invalid, display an error message; otherwise, check if the student exists
- If the student doesn't exist, display a message indicating the student is not found; otherwise, retrieve and display the student's data

11. Function to display main menu

- Repeat loop to show the main menu to the user until they choose to exit
- Display options: Add students, Delete students, Update student information, Display student data, Exit program
- Prompt user to input their choice
- Validate user input
- If input is invalid, display an error message; otherwise, execute the corresponding function based on the user's choice

- If the user chooses to exit, disconnect from the database, display a program termination message, and end the program.