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Self-Made Assignment - C Language

Concept of File and File Handling in C Language

Objective:

Write a C program that allows the user to store and read student records using file handling.

Instructions:

Your program should:

1. Create a text file named "students.txt" if it does not already exist.
2. Ask the user to input the following student details:
 - o Roll number (integer)
 - o Name (string, max 50 characters)
 - o Marks (float)
3. Write the student details into the file in the format:

```
Roll Number: 1  
Name: John Doe  
Marks: 85.5
```

Output:

```
Enter student roll number: 1  
Enter student name (max 50 characters): John Doe  
Enter student marks: 85.5  
  
Student record saved successfully to 'students.txt'.
```