



Shri GovindRam Seksariya Institute of
Technology and Science

Mini Project

STUDENT MANAGEMENT SYSTEM

Submitted by:
Drashti Agrawal
Enrollment No: 0801CS221054

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1 DESCRIPTION OF PROJECT

A School Management System is a comprehensive software application designed to streamline and enhance the management of educational institutions. It serves as a centralized platform for managing a wide range of administrative and academic tasks, bringing efficiency and accuracy to tasks that would otherwise be time-consuming and error-prone.

The School Management System project presented here incorporates several essential functions:

- **Add:** The "Add" function enables administrators to input and maintain student data, simplifying enrollment processes and record-keeping.
- **Display:** The "Display" function provides users with a user-friendly interface to view and retrieve information from the system. This is essential for accessing student data.
- **DeleteRec:** The "Delete Record" function allows authorized personnel to remove outdated or erroneous data from the system, ensuring data accuracy and cleanliness.
- **Modify:** The "Modify" function empowers users to update existing records, making it possible to adjust student contact details, course information, and teacher assignments.

The development of this School Management System project involved the utilization of several fundamental concepts in C programming, including:

- Functions
- Structures
- Loops
- Conditional statements
- File handling
- Coding standards to ensure code quality
- Debugging and profiling to improve system performance

– The School Management System project not only simplifies educational institution management but also demonstrates the practical application of C programming and LaTeX typesetting for effective software development and documentation.

2 Debugging

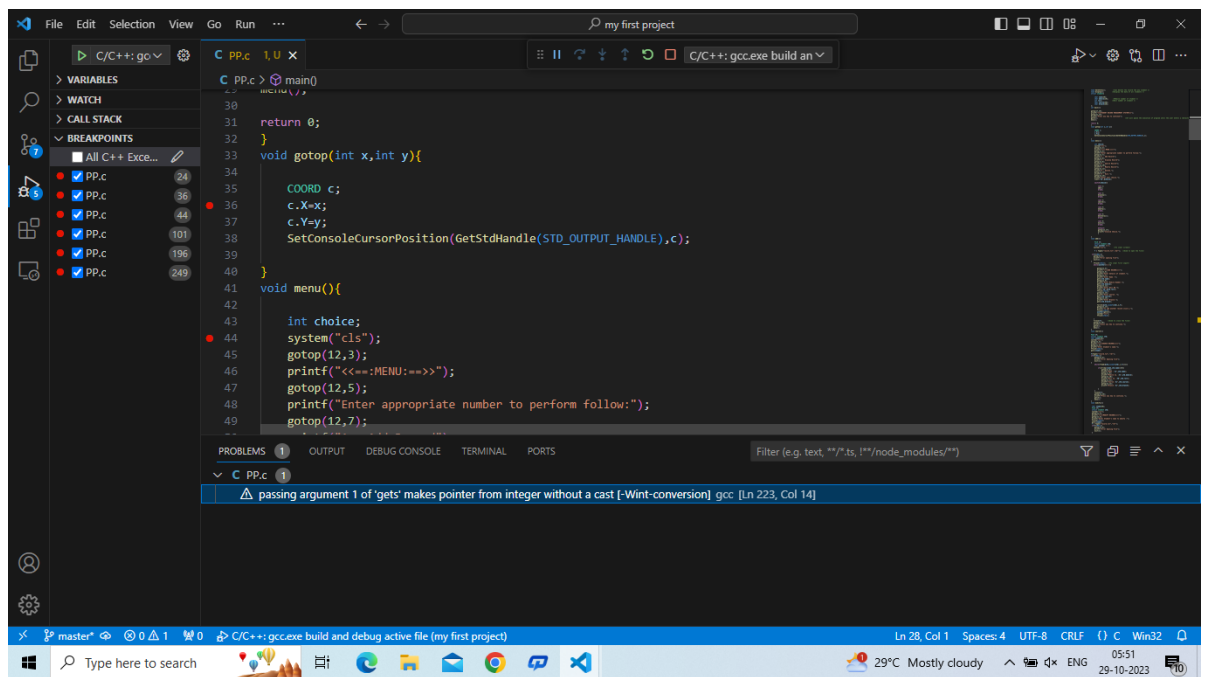


Figure 1: Debugging