# STUDENT MANAGEMENT SYSTEM ON C++

**(Command Line Interface)**

*Section C1*

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**Topic: Student Management System on CLI**

We are Creating Student Management System on CLI. This deals with managing student’s record. You can choose various options to control student data. We are creating this project to fulfill the concepts of Object Oriented Programming.

From this Project you can:  
1. Register a Student.  
2. View the Registration  
3. Update the Registration  
4. Delete the Registration  
5. Course Selection  
6. Exit

We are dealing with separate files, each for storing individual student record. The concept of file handling is used in this project. Each Student will have separate record and will be able to select courses.

The structure of OOP includes; Abstraction, Encapsulation, Inheritance. We have used Classes, Functions and some important libraries needed.

**Advantage:** Mainly we have two “.cpp” files, one “.h” file and one folder which stores student txt files. Interestingly, we have designed this program in a way that our main source code is saved outside the main file. In this manner, the viewer will be able to see coding of merely 15 lines, and the actual coding will remain preserved. Hence, no one will be able to steal the code.