This document provides a quick guide to using the Campus Course & Records Manager (CCRM) application, including a sample demo flow and example data files for import.

**Sample Demo Flow**

1. **Launch the Application:** Run Main.java. The program will start and display the main menu.
2. **Import Data:** Select option 4 (File Operations) from the main menu, then choose the import option. A simple command-line prompt will guide you to import sample students.csv and courses.csv files.
3. **Manage Students:** Select option 1 (Student Management).
   * Choose option 2 to list all students and verify that the import was successful.
   * Choose option 1 to manually add a new student.
4. **Manage Courses:** Select option 2 (Course Management).
   * Choose an option to list all courses to confirm the data is loaded.
   * Explore the search and filter options to find courses by instructor or semester.
5. **Enroll & Grade:** Select option 3 (Enrollment & Grading).
   * Enroll a student in a course. The program will enforce business rules, such as the maximum credit limit per semester.
   * Record a numerical grade for a student in an enrolled course. The system will compute the letter grade and update the GPA.
6. **View Transcript:** After grading, select an option to print a student's transcript. The output will show their enrolled courses, grades, and calculated GPA.
7. **Backup Data:** Select option 4 (File Operations) again, then choose the backup option. The application will export all data to a data folder and then copy it to a new, timestamped folder inside the backups directory. It will then print the total size of the backup.
8. **Exit:** Select option 5 from the main menu to exit the application.





