

## Capstone Student Management System

### Features:

- Persistent storage using students.txt
- File handling via BufferedReader & BufferedWriter
- Sorting with Comparator
- Iterator for displaying records
- RandomAccessFile for random reading
- File class for attributes
- ArrayList & HashMap-based record management

### Menu:

1. Add Student
2. View All Students
3. Search by Name
4. Delete by Name
5. Sort by Marks
6. Save and Exit

### How to Run:

```
javac CapstoneStudentManagement.java
```

```
java CapstoneStudentManagement
```