Problem Statement

Write a Java program to perform the following tasks:

1. **Input Student Records**:
   - Input the number of students, `n`.
   - For each student, input the following details:
     - `id` (an integer): Unique identifier for the student.
     - `name` (a string): Name of the student.
     - `cgpa` (a floating-point number): CGPA (Cumulative Grade Point Average) of the student.
2. **Sort Students**:
   - Sort the students based on the following criteria:
     - **First**, by CGPA in descending order.
     - **Second**, if CGPA is the same, by `name` in alphabetical order.
3. **Output Sorted Records**:
   - Display the sorted list of students on the console.
4. **Save Records to a File**:
   - Write the sorted student records to a text file named `students.txt`, where each line contains the `id`, `name`, and `cgpa` of a student, separated by commas.
5. **Read Records from the File**:
   - Read the student records back from the file `students.txt` and store them in a new list.
6. **Display Records from the File**:
   - Display the records read from the file on the console.

Example Input

```
Enter the number of students:
3
Enter student details (id name cgpa):
1 Alice 3.85
2 Bob 3.90
3 Carol 3.85
```

Example Output

```
Sorted Students:
2,Bob,3.9
1,Alice,3.85
3,Carol,3.85

Students read from file:
```

```
2,Bob,3.9
1,Alice,3.85
3,Carol,3.85
```

Functional Requirements

1. Use a class `Student` with appropriate attributes and a `compareTo` method for sorting.
2. Save and retrieve student records using file I/O.
3. Handle input and output gracefully, ensuring proper formatting and error handling.