Lab #2: Array of Objects

**Student**

- StudentId : int
- StudentName : String
- StudentAge : int

+ Student()
+ Student(stuId:int, stuName:String, age:int)
+ getter / setter()

**Section**

- ClassId : String
- ArrayStu : Student

+ Section()
+ addStudent(Student:stu):void
+ searchStudent(stuid:id):void
+ deleteStudent(Stuid:id):void
+ showStudent()

**TestClass**

1. Add Student
2. Display Student Details
3. Search Student
4. Delete Student
5. Exit
1. **addStudent**: This method should add the student details by checking if the **section** is full or not.

2. **displayStudent**: This method should display the details of **student**.

3. **searchStudent**: This method should search in **section** for a particular id and **display** the student details.

4. **deleteStudent**: This **method should** delete the student from the **section** **having id** “ID”.

5. Exit: exit from the loop

**Question**: Write in java the following three classes: **Student**, **Section**, and **TestClass**.