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**// I Modify the Course class of ICE#10.6 the modified class is called CourseNew. And some other Changes.**

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**public class CourseNew {**

**private String courseName;**

**private String[] students;**

**private int numberOfStudents;**

**public CourseNew(String courseName) {**

**this.courseName = courseName;**

**students = new String[1];**

**numberOfStudents = 0;**

**}**

**public void addStudent(String student) {**

**if(numberOfStudents == students.length) {**

**String[] temp = new String[students.length + 1];**

**for (int i = 0; i < students.length; i++) {**

**temp[i] = students[i];**

**}**

**students = temp;**

**}**

**students[numberOfStudents] = student;**

**numberOfStudents++;**

**}**

**public String[] getStudents() {**

**String[] studentList = new String[numberOfStudents];**

**for (int i = 0; i < numberOfStudents; i++) {**

**studentList[i] = students[i];**

**}**

**return studentList;**

**}**

**public int getNumberOfStudents() {**

**return numberOfStudents;**

**}**

**public String getCourseName() {**

**return courseName;**

**}**

**public void dropStudent(String student) {**

**for (int i = 0; i < numberOfStudents; i++) {**

**if(students[i].equals(student)) {**

**for (int j = i + 1; j < numberOfStudents; j++) {**

**students[j - 1] = students[j];**

**}**

**numberOfStudents--;**

**return;**

**}**

**}**

**}**

**public void clear() {**

**for (int i = 0; i < numberOfStudents; i++) {**

**students[i] = null;**

**}**

**numberOfStudents = 0;**

**}**

**}**