

64010312

MAIN:

```
public class Pro2 {  
    public static void main(String[] args) {  
        Course oop = new Course("oop");  
        oop.addStudent("A");  
        oop.addStudent("B");  
        oop.addStudent("C");  
        oop.dropStudent("C");  
        oop.clear();  
        oop.dropStudent("Godzilla");  
        for (int i = 0; i < oop.getNumberOfStudents(); i++) {  
            System.out.println(oop.getStudents()[i]);  
        }  
    }  
}
```

CLASS:

```
public class Course {
    private String courseName;
    private String[] students = new String[2];
    private int numberOfStudents;

    public Course() {
    }

    public Course(String courseName) {
        this.courseName = courseName;
    }

    public void addStudent(String student) {
        if (numberOfStudents >= students.length) {
            String[] tmp = new String[numberOfStudents * 2];
            System.arraycopy(students, 0, tmp, 0, students.length);
            students = tmp;
        }
        students[numberOfStudents] = student;
        numberOfStudents++;
    }

    public String[] getStudents() {
        return students;
    }

    public int getNumberOfStudents() {
        return numberOfStudents;
    }

    public String getCourseName() {
        return courseName;
    }

    public void dropStudent(String student) {
        boolean noStudent = true;
        for (int i = 0; i < numberOfStudents; i++) {
            if (students[i].equals(student)) {
                System.arraycopy(students, i + 1, students, i,
students.length - i - 1);
                numberOfStudents--;
                noStudent = false;
                break;
            }
        }
    }
}
```

```
        }  
    }  
    if (noStudent) {  
        System.out.println("not have student name "+ student + " in this  
class");  
    }  
}  
  
public void clear() {  
    students = new String[2];  
    numberOfStudents = 0;  
}  
}
```