

Assignment 3

This function/method below should assign a course to a `studentCourseList` array. Before adding adding course make sure certain criteria are met. The function/method already have some checks, but you still need to add some additional checks.

Check in the code "Your task begins here"

```
// assign course to a student
public void assignCourse(int position, String name, int mark) {
    // check for null - name
    if (name.length() <= 3) return;

    // check for student mark
    if (mark < 0 || mark > 100) return;

    // check position
    if (position < 0 || position > numberOfCourses - 1) return;

    // Your task begins here:

    /*
     * After passing all the checks, let's assign a course to a
    student.
     * A Student cannot be assigned the same course twice
     */

    boolean courseFound = false;
    // Iterate over courseList, check whether the input name is
    found
    // within the courseList array. If so, assign `courseFound`
    to true and
    // break the loop

    // check whether courseFound is true or false: if true
    return
```

```

        // add course to input course name to courseList array
        using the position
        // add course to input course mark to grades array using
        the position
    }

//update your toString method with:
public String toString() {
    return "Student{" +
        "name='" + name + '\'' +
        ", age= '" + age + '\'' +
        ", department= '" + department + '\'' +
        ", courseList= " + Arrays.toString(courseList) +
        "grades= " + Arrays.toString(grades) + '\'' +
        '}';
}

```

Test your application by creating a `Student` object and assigning grades:

- Create at least three students
- Use `toString()` to print their info

Happy coding!