
ASSIGNMENT 5

CS 474: Object-Oriented Languages and Environments / Fall 2020



Description

In this assignment, you have the chance to resubmit one of the previous assignments that you have not resubmitted yet. **Please read this document fully**

before asking for clarification on Piazza.

The rules are as follows:

- You can resubmit one previous assignment between assignments 1, 2, and 3.
- You can resubmit the assignment with the **lowest final grade**, including bonus points and resubmission.
- You don't get to keep bonus points
 - 50% as your lowest grade and 10% bonus means that you'll have 50% by default for A5
- You cannot resubmit an assignment that you already resubmitted with 100%.
- You do not need a minimum grade of 30% to qualify for resubmitting an assignment.
- This assignment is completely optional, you do not have to start it if you are OK with having the lowest grade of the previous assignments as the grade for Assignment 5.
- This assignment does not change your previous grades, this resubmission is for a fresh 10% of your final grade.

Examples

This section shows examples of previous grades for assignments 1, 2, and 3 with a guide about which assignment can be resubmitted as Assignment 5. The lowest grade assignments (that you can resubmit for Assignment 5) are shaded in grey.

Scenario	These grades remain unchanged by Assignment 5						Assignment 5	
	Assignment 1		Assignment 2		Assignment 3		Contents	Grade
	Original	Resubmission	Original	Resubmission	Original	Resubmission		
No resub 1	100	-	100	-	100	-	-	100
No resub 2	100	-	50	-	100	-	-	50
No resub 3	100	-	100	-	10	-	-	10
No resub 4	30	100	50	100	100	-	-	100
No resub 4	30	100	50	100	30	100	-	100
No Resub 5	35	50	50	80	100	-	-	50
No Resub 6	30	60	70	100	100	-	-	60
Bad resub	100	-	90	-	10	-	A2 100	10
Resub 1	100	-	100	-	10	-	A3 100	100
Resub 2	40	100	70	100	100	-	-	100
Resub 3	10	-	10	-	100	-	A1 100	100
Resub 4	10	-	10	-	100	-	A2 100	100
Resub 5	35	50	50	80	100	-	A1 100	100
Resub 6	30	60	70	100	100	-	A1 100	100

FAQ

1. I'm happy with my lowest grade, do I have to resubmit anything for Assignment 5?

No.

2. Are there bonus points for Assignment 5?

No.

3. I have the same lowest grade for two assignments, what do I do?

You can choose which you want to resubmit. See scenarios **Resub 3** and **Resub 4** above.

4. I have resubmitted a previous assignment with less than 100%.

If this is your lowest grade, you can resubmit it for Assignment 5. See scenarios **Resub 5** and **Resub 6** above.

5. If I don't resubmit, do I keep the original grade or the resubmission grade?

You keep the resubmission grade. See scenarios **No Resub 5** and **No Resub 6** above.

Entry Point

There are 3 packages that you will use to resubmit a previous assignment: `edu.uic.cs474.a1`, `edu.uic.cs474.a2`, and `edu.uic.cs474.a3`. You should follow the instructions in the original assignment spec on the package you wish to resubmit.

Due Date

This assignment is due on **November 21 2020** (Saturday) at **5pm CST**. There is no late policy. There is no opportunity to resubmit this assignment. Together with your submission, you will have to submit (on Gradescope):

- For Assignments 1 and 2: a written description of what you changed from the original submission.
- For Assignment 3: A screen-cast describing your solution and what changed from your original submission (max 5 minutes in duration).

Submission and Grading

This assignment is submitted through Github, and has an automatic grade component of 100% for Assignments 1 and 2, and 40% for Assignment 3. You can check your current grade at any point by submitting your code and checking Travis. The automatic grade is determined by 10 tests, that will check if your project outputs the expected result. Each test is worth 10%.

For Assignment 3, you should also submit a video explaining your solution. **The maximum length for the video is 5 minutes, videos over 5 minutes have a 10% penalty and instructors will stop watching at the 5 minute mark (nothing past that point in the video will be graded).** This video should be a screencast of your IDE open on the code submitted, and you should highlight the code and narrate the purpose of the highlighted code. You can record such a video without installing any software by using the following website: <https://screenapp.io/#/>

Errors and Omissions

If you find an error or an omission, please post it on Piazza as soon as you find it.

Hardcoding and Academic Integrity

Any hardcoding will result in a 0% grade. Hardcoding is when you submit code that detects which test is being run, and simply outputs the expected result. For instance, detecting that test 22 is running, and replacing the usual execution of your submission with `System.out.println("expected result")`.

The academic integrity policy described in the syllabus applies to this assignment. You are responsible for writing all the code that you submit. We will use an automatic tool that detects plagiarism on all submitted code, and we will investigate all instances where plagiarism is more than likely.

Please refer to the syllabus for the full academic integrity policy.