

University of the Philippines Los Banos
College of Arts and Sciences
Institute of Computer Science

CMSC 124

Design and Implementation of Programming Languages

PROJECT SUBMISSION AND PRESENTATION INSTRUCTIONS

First Semester A.Y. 2020-2021

Prepared By:

Kristine Bernadette P. Pelaez

Mode of Presentation

You can choose between the two:

	LIVE PRESENTATION	RECORDED PRESENTATION
Submission of Project	on presentation day	December 31, 2020
Presentation Dates	December 09-11, 2020	N/A
Project grades can be viewed by	December 14, 2020	January 15, 2021

Peer Evaluation

The peer evaluation form must be completed **after** the presentation (for recorded presentation, after the recording has been submitted).

Each contributing member (i.e., everyone in contributors.txt) must answer the evaluation form found [here](#). Project grade will be given only when all of the contributors have submitted their peer evaluation form.

What will happen if I failed to submit the project?

One of the course outcomes of CMSC 124 is for the student to create an interpreter (*not necessarily fully working*). Thus, failure to submit the project would mean failing to meet the expected outcomes of the course.

If ever that happens, you will be given a grade of INC (incomplete). And you have two semesters (and a midyear) to *complete* your requirements.

You can still choose to have the live presentation or the recorded presentation, however, take note that completing an INC grade requires you to fill out some paperwork from the Office of the College Secretary. (If ever, you can ask Tita Rhona about this.)

Note: *This is subject to change depending on the OVPAA memorandum that will be issued soon¹. Changes will be announced once made.*

Notes

- **SMOOSH is now part of the extra credits.** If you implemented it, make sure to include it during the presentation to get the bonus points.

¹ hindi rin namin alam gaano ka soon ang soon, so antay lang talaga.

Live Presentation

General Instructions

You are required to submit the following for the project:

1. **A .zip file** (filename: **<GroupName>_<section>.zip**) which should contain the following:
 - a. a **text file** (filename: **contributors.txt**) that contains the name of all contributing groupmates;
 - b. a **folder** (filename: **source code**) that contains all the necessary files needed to run your project; and
 - c. a **Readme.md** file that contains the instructions on how to run your project. This includes the necessary dependencies, along with the instructions on how to install them.
2. Submit your **peer evaluation** by filling out the form in [this link](#).

Live Presentation Instructions

Length:

Maximum length of 15 minutes

Signing-up:

A sign-up sheet (via Google Calendar appointments) will be posted the week before the presentations. **ONLY ONE** of the members of the group must sign up. Multiple appointments will make all appointment slots null and void.

Before Presentation:

- download all test cases
 - this can be found in the Google Classroom
 - make sure that the member that will screen share their laptop/computer downloaded the test cases
 - you can remove the lines from the test cases that you weren't able to implement and replace it with whatever can mimic whatever it does. For example, if you didn't implement GIMMEH, you can replace it with `var ITZ 17`. We will just replace 17 with whatever value we want the var to have.
- upload your .zip file on the Google Classroom post
 - this is in case you cannot screen share (one of the instructors would be screen sharing in your stead)
- make sure that your set-up is already prepared
 - the 15-minute presentation is only for *presenting* your output, so no setting-up should be done during the presentation
 - setting-up during the presentation will be included in the 15-minute duration, which would decrease your time to present your output, so please prepare everything beforehand
- make sure to be familiar with the files of your document
 - there will be Q&A in the presentation, so be prepared to answer the questions of the instructors of CMSC 124

After Presentation:

- make sure to fill out the peer evaluation form
 - form can be found [here](#)
 - remember, your project grades would only be released once ALL contributors have filled out the form
- rest, you did well

Recorded Presentation

General Instructions

You are required to submit the following for the project:

1. **A .zip file** (filename: **<GroupName>_<section>.zip**) which should contain the following:
 - a. a **video recording** of your project running test cases (or a text file containing the link to your uploaded video);
 - b. a **text file** (filename: **contributors.txt**) that contains the name of all contributing groupmates;
 - c. a **folder** (filename: **source code**) that contains all the necessary files needed to run your project; and
 - d. a **Readme.md** file that contains the instructions on how to run your project. This includes the necessary dependencies, along with the instructions on how to install them.
2. Submit your **peer evaluation** by filling out the form in [this link](#).

Video Content Instructions

Length: Maximum length of 15 minutes, Minimum length of 5 minutes

Contents:

1. Running test cases for User Input/Output*
2. Running test cases for Variables*
3. Running test cases for Operations*
4. Running test cases for If-Else Statements*
5. Running test cases for Switch Statements*
6. Showing the errors that can be caught by your program (create your own test cases)*
7. Showing of features included in the extra credit (create your own test cases)*
8. Explaining how the lexical, syntax, and semantic analyzers work together**
9. Explaining how the GIMMEH command is implemented (*if done*)**
10. Explaining how arithmetic, boolean, OR logical expressions are implemented (*choose only one*)**

*Running of test cases must show your project's GUI. All parts of the GUI must be shown all at once.

**The code that corresponds to the implementation being explained must be shown (during the explanation), and the filename of the file that is currently open must be visible in the video. (Filename must match with the submitted files.)

Modes of upload:

- included in the zip file
 - the file should be in either MP4 or MKV format
 - filename: **<Groupname>_<Section>.mp4** (or .mkv if Matroska Video)
- uploaded in Youtube
 - one of your group mates should own the video
 - make sure that the video is Unlisted
 - do not forget to put the textfile containing the link on the zip file you will submit
- uploaded in GDrive
 - make sure that it is shared to **all the instructors** of CMSC 124 (i.e., Ma'am Berna (kppelaiez@up.edu.ph), Ma'am Johaira (jtarriola@up.edu.ph), Ma'am Beili (clcepe@up.edu.ph), and Ma'am Erika (mccunanan1@up.edu.ph)).
 - do not forget to put the textfile containing the link on the zip file you will submit