

University of Puerto Rico, Mayagüez Campus  
Department of Computer Science and Engineering

CIIC 4010 / ICOM 4015 Advanced Programming

Programming Assignment 0

Spring 2021

Due Date: Sunday, February 7 at 12:00 Midnight

## Instructions

The objective of this project is to take you through the steps of installing the **OpenFrameworks** library which will be used for the other 3 projects of the course. This project will be worked in teams of two students. **Your partner must be different for each of the other three projects, but you may repeat your partner from project 0.** If you have difficulty finding a partner please notify a TA, the Professor or ask via Piazza. The changes done to the base code of project 0 will be minimal.

For the project we will be using GitHub Classroom, meaning that the team's repositories must come from GitHub Classroom(**personal repositories for the projects will not be allowed**). One member of the team creates the team repo in GitHub Classroom and the second member joins it. Please decide on a team name and a partner before creating a team repository. If there is an issue, please notify a TA or the professor through Piazza as soon as possible. After having created the team's repository, remember that you can import the project to VS Code using its URI. The GitHub repository and your project management must follow the best practices learned in the Git & GitHub lab, such as using branches for every feature.

Here is the link to GitHub Classroom: <https://classroom.github.com/g/yTxBzX4f>

OpenFrameworks Documentation: <https://openframeworks.cc/documentation/>

## Minimal Requirements

Your application must comply with the following requirements:

- **Both team members** must follow the setup instructions and be able to run the project individually.
- There must be a commit from **both members of the team** in the repository.
- **The first team member** must change the **xSpeed** and **ySpeed** variables to different numbers (any number is fine). (ofApp.cpp)
- **The second team member** must change the **text** variable to a different value. (ofApp.cpp)
- **One of the team members** must create a **release** in Github which includes the changes done by both team members.  
<https://docs.github.com/en/enterprise/2.13/user/articles/creating-releases>
- **Both team members** must fill out the evaluation form in moodle to evaluate their, and their partner's work.

### **Creative Directions (Optional Ideas):**

For this project there will be no bonuses.

### **Teamwork**

Teamwork is critical for all our course projects. Here are some do's and don'ts:

- Read the requirements and develop an implementation plan including tasks and their owners (i.e. who will be responsible) and their deadlines
- If you or your partner or both are not making progress seek help from our staff IMMEDIATELY. Do not wait until the deadline is approaching.
- Distribute the work fairly among partners.
- Make sure you implement one feature per branch and never work directly on the master branch
- Push/Pull to/from GitHub only your master branches.
- Be supportive of your partner, but DO NOT DO HIS WORK.
- Meet frequently to review accomplishments and set new targets deadlines.
- Remember that your partner could become your future job reference. Do not leave him all the work. Be responsible and stay in contact. Do not get lost.

### **Problems with Partners**

If you have a problem with your partner:

- First LISTEN to your partner and figure out if the problem can be solved by both of you
- If you cannot reach an agreement please seek help from our staff IMMEDIATELY

### **Grading Rubric**

The CIIC4010/ICOM4015 staff will publish a grading rubric within the next few days indicating the points to be awarded to each required feature.