Last update: October 18th, 2021. (Homework #0)

1   Description

General guidelines for the document and all homework:

- Each homework is on a different page, despite the remaining page space.

- You must come with the homework already implemented, both hardware and software (food casserole is a great option for carrying your project). Installing or uploading the code at the lab leads to deduction in points.

- Code must already be uploaded to Github. We will only take into account the last upload before the deadline, not before the presentation.

- Coding style is of utmost importance in this lab.

- Color coding is of utmost importance in this lab.

- Some homework might have hard and soft deadlines, but **only if explicitly specified**.

The homework's purpose is to help you learn and practice the knowledge gained in this lab. We place strict emphasis on **correctly implementing** the requirements, not just getting it done. If you struggle with it, do not hesitate to contact Andrei at andrei.dumitriu@fmi.unibuc.ro or directly in Microsoft teams.

2021 - 2022

Unibuc Robotics

2 Homework #0

Deadline (hard): Your assigned laboratory in week 18-24 of October.
The first homework is easy, and consists of two parts:

1. Install arduino IDE: https://www.arduino.cc/en/software

2. Create a **public** Github repository, according to these specifications:

   - You can use this as an example (will be updated as we homework progresses): https://github.com/Irikos/IntroductionToRobotics

   - Repository must be name "IntroductionToRobotics" (or something very similar, but with a good reason)

   - Must include similar Readme.md with title, initial description and subsesction for each homework (with specified details)

   - You are free (and encouraged) to be creative with your repository description. **However**, the freedom of creativity must not be confused with and excuse to be lazy. The requirements specified here and in the repository description are considered basic and must be met.

These items must be met **before** the laboratory, and will be verified at the start of class. Feel free to PM with the Github repo link if you finish early.

Introduction to Robotics   Homework