**Introduction to Robotics CSc 4120**

**Fall 2021**

Module #: Checkpoint 1

Kit # :22

Student 1: An Nguyen

Student 2:

Note 1: Only one document needs to be prepared per team. So, both team members, please upload the same document, as a PDF file, in Google Classroom towards your Assignment Submission.

Note 2: Do not try to edit this Google Doc document. Please download this file and either edit in Microsoft Word or Google Doc. Once completed convert it to PDF (click File and save it as PDF) and upload the same.

Note 3: DO NOT UPLOAD MULTIPLE VERSIONS.

Answer the following questions briefly (1-2 paragraphs max where each paragraph is about 5-6 lines max). Keep your answers short and upto the point.

1. What was the goal for this module? To incorporate multiple aspects of module 1,2,3 into one working piece of code
2. What work did you conduct as a part of this module? I added parts of code to problem 2 of the module 2 in order to combine multiple aspects. I added separate controls, [I,J,K,L] in order to control the robots in increments of 30 cms. I also added a function in order to take pictures with the button p.
3. How was the work divided between student 1 and 2 (only for Teams)? Student 1 completed all work.
4. Student 1: What did you learn from this module? I learned that it is difficult to combine separate aspects of code together even if they all work individually. I had a lot of difficulty getting the separate sets of controls to work at first because of the refresh rate of the inputs.
5. Student 2: What did you learn from this module?
6. Answer Yes/No -- Did you upload your materials supporting this module? The materials must be a video (phone capture OK but must be fairly steady) of demonstrating the outcome on your robot.

Yes, code as well as videos of the robot and its outputs.