**Week 3 | (Tutorial 1) Log Sheet 1**

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In week 3 tutorial, we are being introduced into using GitHub and to complete tasks as for the introduction in using Python, which is in preparation for us students to both modify and execute Python codes for Path Planning. So, in this very first lecture, we are assigned to have a GitHub account, and then compiling codes to make 5 functions to work. Although 5 of the members do need to finish one of the 5 functions.

**Problem Solving & Troubleshooting**

Python is a high-level language and since I’m not entirely familiar with this specific programming language, when I am adopting my function, the function 4, into the main branch I got compilation error as Python is, as what I know so far, strict with the indentations of every line of the code, which I thought it was completely rational as I heard that Python responsible to run highly complex and advance tasks.

With the indentation being the only issue that I faced, I quickly fix the spacing between functions, and added “tab spaces” to make sure that Python can execute the code flawlessly, get the error fixed before making a pull request where our group leader will merge the codes altogether.

**Completeness**

Initially with the limited capability in Python programming, our goal was just to finish up the compulsory part of the functions. But soon after some discussion and thanks to the determination given by our group leader, we chose the advanced function list instead of the basic ones, and then given us the opportunity to include the very last piece of the puzzle, the “Bonus Task”, where it’s a number guessing game, into the entire picture.

We all get to test out the code at the end as part of making sure the stability and the entirety of the code, to make sure that the code run as what we expected it to be. Eventually, we composed ourselves the very first set of working functions while utilizing the GitHub Push and Pull functions.

**Contribution to Project Activities**

Given the time that we are still under the pandemic, not most of the members are given the opportunity to take lessons face-to-face. As for ensuring the flow of the project, I made sure to communicate more often with the group members both online with the friends in Philippines, and in PolyU’s W502g classroom.

There are also instances where some of the students are not familiar with how Python and GitHub work, so I spent some great amount of time explaining and teaching them so that to make sure they are all caught up with the group progress.

Which to conclude with, I am glad to be a part with this group. I had learnt things that were not being taught in textbooks, and most importantly the adaptation between different learning modes.