



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

ExCEL Activity Report

Programming Clinic 2021

Name: Lim Sin Jie

Matric Number: A19EC0073

Program/Course: 2/SECJ

Batch: 2019/2020

Academic Advisor: Prof. Madya. Dr Mohd

Yazid bin Idris

Justification in Joining the Activities:

Programming Clinic was organized and conducted by Persatuan Mahasiswa Sains Komputer (PERSAKA) which aimed for the first-year students from School of Computing to enhance their programming basics and problem solving skills. I was interested towards this program because I had a long time for not becoming the mentor for someone else. Also, I wished to have an additional experience to be the mentor for the first-year student who wants to strengthen their basic programming skills and be involved in the program held by PERSAKA. It would truly make me proud for involving myself in the program Programming Clinic 2021.

The Graduate Attributes that are Focused on:

- a) **Communication Skill:** Communication skill is a one of the important graduate attributes that is necessary during the whole program. This is because I had to communicate with all the mentees for teaching them the programming basics.
- b) **Thinking Skill:** Thinking skill is one of the graduate attributes that was focused on during the activity. The skill is important for me as I had to think critically for the teaching programming part. Hence, I had to be equipped with thinking skill for me to be a good mentor in this program who can guide them well.
- c) **Scholarship:** Scholarship is an vital graduate attribute that should be focused too. It was because I had to seek and look for the material for the teaching materials along the session. Also, I would need to give out my ideas to express the programming knowledge to my mentees.
- d) **Leadership and Teamworking Skill:** The leadership and teamworking skill as it is a must for me to have this skill. Without the skill, I would not be a good mentor for the program and I had to lead the whole session since there are only me and another 4 mentees together during the program.
- e) **Adaptability:** One of the attributes that was focused on during the activity is adaptability. Due to the prolonged COVID-19 pandemic, I had to adapt the online

environment for having the online program especially this was my first time of being the mentor in an online program.

- f) **Global Citizen:** Global citizen skill is needed for completing the program too because I had to deal with many people including the committee members and the mentees who were all came from different backgrounds. I had to act ethically during interacting with the others since I was the mentor for four of my mentees allocated by the committee members of the program. Hence, I would take care of my every word before saying it out and tried my best to express the knowledge professionally.

Content of the activity:

Programming Clinic was organized and conducted by Persatuan Mahasiswa Sains Komputer (PERSAKA) on 17 Apr, 2021 which aimed for the first-year students from School of Computing to enhance their programming basics and problem solving skills in Johor Bahru. This program was carried out successfully via Google Meet as the concept of “Mentor-Mentees” was applied so the participants had their session with their mentor separately. Before the program, the registration team had surveyed the topics most participants were weak in as a reference for mentors to prepare their materials. I as the mentor had prepared a lot of materials and exercises for their mentees based on the survey, so mentees can have a better understanding about programming and learn more from the topics they were weak at. During the session, the mentors including me taught our mentees and guided them to solve the exercises. Also, mentees actively asked what they did not understand and had good two-way conversations with their mentors. Although this was a three-hour course, I was very patient in teaching and explaining topics that were unfamiliar to the mentees. Whenever the mentees had a misunderstanding or confusion about the topic being discussed, I would provide many examples so that the goals of the event can be achieved.