



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

ExCEL Activity Report

Programming Clinic 2021

NAME: NG PEI WEN

MATRIC NUMBER: A19EC0117

PROGRAM: SECR COMPUTER SCIENCE (NETWORK AND SECURITY)

ACADEMIC ADVISOR: MS. LIZAWATI BINTI MI YUSUF

Justification in joining the activities

PERSAKA UTM had organizes an annually program Programming Clinic 2021 on 27 April 2021. This is a very meaningful event held to help the year 1 computer science students who want to learn more or build up the basic concepts of programming. Moreover, this event helps the beginner to have a clearer view and able to solve the question in most of the programming concept. I have taken this chance to involve myself in this program as a mentor to help the juniors in learning the basic concept of programming language C++.

Graduate Attributes:

1. **Communication Skills:** The most important attribute focused in this program is definitely communication skill. This is because to have an active learning throughout the session, the mentor and mentees have to be communicated by asking and answering question. For a mentor, she has to lead the mentee to ask questions rather than just talking alone without mentee reaction. The mentor has to ensure the mentee is following what is being explained by throwing questions to mentee. If the mentee cannot understand some of the content we delivered, the mentor should be able to explain using a different way to mentee.
2. **Thinking Skills:** The other attribute focus in this program is thinking skills. This is because as a mentor when we first getting the learning materials, we have to done all the questions in the slide once to check for the answer. Other than this, I had to think as a mentee when I glance through the slide so that I can prepare some common questions that may be asked during the teaching and learning sessions. Next, thinking is very important where I have to think what is the common mistakes that a student will made in the exam of certain concepts.
3. **Leadership and Teamworking Skills:** Leadership and Teamworking Skills is one of the important attributes focuses in this program too. This is because an efficient teaching and learning session the mentor has to lead the group and the mentees have to give their corporation.

Content of the activity:

Before the activity all of the mentors have a briefing session and slide giving session. Next, all of the mentors are required to solve all the questions in the slide and compare the answer with the other mentor so as to produce a scheme. On the day of the program, we have the session using Google Meet platform and the session was recorded for the mentees to view if they need. The teaching sessions in break into two parts where there is a break between the two learning sessions. After the program finish, the mentor and mentees have a photo taking session as the evidence and the recording of the meeting is sent in WhatsApp's group for the mentees.