



**UTM**  
UNIVERSITI TEKNOLOGI MALAYSIA

## **ExCEL Mini Report**

**Activity: COMPAIR 2020**

---

**Name:** LIEW WEI XIAN

**Matric No:** A19EC0070

**Programme:** Bachelor of Computer Science (Computer Networks and Security)

**Academic Advisor:** Profesor Madya Mohd. Murtadha Bin Mohamad

## Justification in joining the activity

COMPFAIR 2020 is an annual sports event for the School of Computing organised by PERSAKA. During the event, a variety of events will be held, including talks and competitions. In my case, I have participated in the Programming Battle in a 2-man team (there are 2 categories: individual category and team category with a maximum of 2 members) with my one other teammate called Low Wei Chieh. During the competition, we are given questions based on programming language C++ and we are required to solve the question in a given time limit..

## The Graduate Attributes that are focused on

- **Communication Skills**

Since I'm participating in the team category of the programming language, communication between me and my other partner is inevitable. We have to discuss the programming questions among ourselves and distribute the tasks in order to complete the question in time.

- **Thinking Skills**

Not gonna lie, the question given in the team category is pretty challenging, we have to use the knowledge we learn so far and apply it in the answer. As the question is also something like a mathematics related programming question, it's as if we are doing mathematics and programming the same time. Not only do we need to understand and solve the mathematical question, but we also need to think how to convert and realise it in coding.

- **Leadership and Teamworking Skills**

As we are working in a team, hence it is very essential to have teamworking spirit among us, and working as a team requires understanding and trust between the team members. We voice out the part that we know how to solve and then distribute the coding part among ourselves.

- **Adaptability**

This is the first time both of us participated in a programming competition, and it's also the reason why we wanted to participate in one. We have no idea what and how the question is going to be. Within the 2 hours, we need to adapt to the competition environment and start answering the question, which is really intense. What's more is that we have no idea that the questions would be so mathematically oriented, but there is no time for us to be surprised, we have to get into the mood ASAP and start doing it.

## Content of the activity

The event was held for 2 days where on 10/12/2020 is the day where the competition was being carried out and on 11/12/2020 is where the result was announced. And as mentioned before, there are 2 categories, which is the individual and team. The programming battle uses C++ as the language. The competition starts on 3:30 pm and end on 5.30 pm (2 hours). Here is the short brief of the competition procedure on 10/12/2020:

**3:28pm:** Questions will be given.

**3:30pm:** Battle starts

**4:15pm:** Interim Submission will be opened

**4:30pm:** Interim Submission closed

**5:00pm:** Final Submission will be opened

**5:32pm:** Final submission closed

**5:33pm:** Enter Google Meet