Name: CHEN, CHENG

Student ID number: 21250331

Week 1 beginning Monday 20th September 2021 (CS370)

This week I had my first lecture on computational complexity given by Joe Timoney and Joe Duffin. I really like the fact that we have no exam and that this module is assessed completely with continuous assessment. I will make sure to attend all the lectures and tutorials, and submit all the required work. I heard that this module is very difficult but I can see that this new approach will help me get through it. Joe simply introduced the P and NP problem and the Complexity Theory. The P versus NP problem, one of the seven Millennium Prize Problems, is the most important open problem in computer science, if not all of mathematics, and is dedicated to the field of computational complexity. The Complexity Theory focuses on classifying computational problems according to their resource usage including running time, storage space, parallelism, randomness, and communication, etc, and relating these classes to each other. Moreover, Joe gave us an assignment to form a team to opt a topic to accomplish a three people group presentation. I will ask my mates to form a team of three so that we can work on our presentation for the weekend.