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Week 2 beginning Monday 27th September 2021 (CS370)

This week our group accomplished the presentation, its topic was Decidability which had been decided by all of us. The parts that I was mainly in charge of were Historical Background, Basic Theory, and the making of the ppt/pdf respectively. Although I reckoned that we prepared well for the presentation, I felt that other groups that used the same topic with us all had amazing performances not only at ppt but in speech. Regarding the tutorial this week, Eilbhe deeply introduced a number of concepts to us, including computation, complexity, decidable and undecidable, Turing Machine(TM/algorithm), the relationship between problems and sets, and mainly taught us how to write a set or build a TM to describe the corresponding algorithm(decider). Compared to esoteric theorems, the knowledge above was easy to absorb because of such direct teaching methods, which led to me to study other basic relationships of sets out of the class hours such as Intersection, Set difference, and Symmetric difference. I finished the assignment of the first tutorial this weekend by using the knowledge given by the lecturer.