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FINAL REPORT

The Logical Thinking of Informatics course has been an exciting and fun experience, providing valuable knowledge and skills related to decision-making, logical thinking, and their applications in both coding and everyday life. Throughout the course, I gained a deeper understanding of decision-making processes and the importance of logical thinking in the field of informatics. The course explored various topics, including decision theory, cognitive biases, and the fundamentals of logical reasoning. One of the most valuable aspects of the course was the exploration of the human brain and how it influences our decision-making abilities.

Furthermore, the course allowed me to enhance my coding skills, particularly in Python. Having prior experience in Python coding provided an advantage, making it easier for me to understand the programming concepts introduced in the course. The practical questions and lab exercises were not too easy but also not too hard. It challenged me to think critically and push myself beyond my comfort zone.

The course allowed me to interact and create a social network with local Taiwanese and international students like myself. One of the interesting parts for me was how the other languages describe colors. For example, the color blue, sky blue, or dark blue, but there is only one word for blue in some languages. Engaging with students from different backgrounds broadened my perspective and expanded my understanding of logical thinking in a global context.

One of the standout aspects of the course was its relevance to both coding and lifestyle decisions. The knowledge gained can be directly applied to improve coding practices by making informed decisions regarding code structure, algorithm selection, and problem-solving strategies. Moreover, the course emphasized the significance of logical thinking in everyday life, enabling me to approach challenges with a more structured and analytical mindset.

Overall, I found the Logical Thinking of Informatics course to be highly beneficial. The course content was well-structured, covering a wide range of relevant topics. The combination of theoretical knowledge, practical exercises, and real-life examples provided a comprehensive learning experience. The instructors' commitment and enthusiasm further enhanced the quality of the course.

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Additionally, I appreciated the opportunity to connect with fellow students, fostering a sense of community and collaboration. However, I believe there could be further opportunities for interactive group activities and discussions to encourage peer learning and engagement.

The Logical Thinking of Informatics course has been instrumental in enhancing my decision-making skills, logical thinking abilities, and coding expertise. The course's comprehensive content, engaging exercises, and diverse student community have contributed to a valuable and well-rounded learning experience. I am confident that the knowledge and skills gained will continue to benefit me both in my coding journey and in making sound decisions in various aspects of life.