1. What are the most challenging aspect of the coursework task?

In this task, we are tasked with creating the game of Noughts and Crosses using Python programming language. The goal is to program a human versus machine game, following the instructions provided. Noughts and Crosses is a traditional two-player game that is played on a 3x3 grid. Players take turns placing either an "O" or "X" in the grid. The player who manages to get three of their marks in a row, either horizontally, vertically, or diagonally, wins the game. The challenge in this task lies in implementing error-handling technologies, which makes it an exciting opportunity to improve coding skills and knowledge. Have fun programming Noughts and Crosses and enhance your abilities as a programmer.

2. How did you go about completing the task?

I find coding the Noughts and Crosses game challenging yet enjoyable as completing it enhances my coding skills. To gain a deeper understanding, I conducted research through the internet and various sources, with the help of our tutor. I was both amazed and thrilled when I encountered the coding challenge in the classroom for the first time. Our instructor provided clear explanations and useful resources for the challenge, including additional reading materials. I also searched for information about the game online.

3.What have you learned over the course of completing this coursework task?

Performing coursework on the Noughts and Crosses game can provide students with a comprehensive education in various subjects. It requires critical thinking and problem-solving skills as they must determine the best way to program the game. The process of completing the coursework helps students understand fundamental programming concepts such as loops, conditional expressions, and functions. In addition, students gain a solid understanding of the rules of the Noughts and Crosses game. The coursework also requires the implementation of error-handling techniques, providing students with the opportunity to practice their coding skills using the Python programming language. Completing the

coursework not only improves coding proficiency but also boosts confidence in one's programming abilities.