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

 Ans: The most challenging aspect of the coursework task are creating an efficient plan for predicting the result of the game, such as looking for wins and ties and preventing from using illegal plays . Another challenge was creating an amazing user interface that enables players to enter their actions and observe the game board. Likewise, making quick-running, elegantly error-handling, and memory-efficient programs. Identifying and fixing errors in the code, such as syntax errors, bugs, and logical errors was challenging for me.And putting the code through an extensive testing process to make sure it functions properly in all situations and edge circumstances are the challenges.

2. How did you go about completing the task?

Ans:First of all I Understand the task's specs, the game's rules, and any guidelines or regulations that may apply to the algorithms, or other parts of the code.And then I start to break down the hint given by my teacher and starts identify the steps needed to implement the game.I took the help of my elder brother to code the game as he was helping me to identify my error which ultimately leads to complete the code.I started to run the code to ensure it works correctly or not. Suddenly, I found many errors and I recorrect those error with the help of my brother and fixed that errror.Finally, I successed to run an appropriate game which leads to complete my task.

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

Ans: In completing a coursework task I learnt how to create a solution by dividing a difficult problem into smaller portions. Likewise, I learnt how to utilize a programming language to put algorithms into practice, handle data structures, and make a user interface and how to spot and correct coding problems. How to extensively test a piece of code to make sure it functions properly across the board or not. As well as giving a sense of satisfaction, finishing this exercise might help one become more confident in their coding skills.