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

Ans:

The most challenging aspect of the coursework task were using json and os.path module in the user defined functions load_scores() and save_scores(scores) to handle the file . Others were a bit easy because all the necessary information's were mentioned as comments in the coursework requirements. I got a bit stalled at the last three parts of the questions because all the three are interrelated and any error in any one of the three functions caused all the three function to fail in execution.

The things about error; the program had to be executed via importing in the play_games program which led to unknown errors while running the main program.

2. How did you go about completing the task?

Ans:

At first, I evaluated the coursework questions and requirements. Then, i started collecting information's on internet about os.path and json modules as I was unaware of the modules. I got an overview on those modules as much as it was required for the program. Then I started working on it day by day by dividing the tasks in small chunks. At last, I sorted out the errors that took a bit long than other tasks in the process of completion. Some bugs really irritated me a lot which were then handled by using help from stackoverflow, geeksforgeeks and w3school as well as python documentation.

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

Ans:

I learned a lot about programming, researching, time management, and error reading and handling in the course of completing the coursework task. I learned about os.path and about json module in python. I got to know every single program we make can be imported in another program by importing the file using import syntaxes. I got to know about handling the json,EncodingError by declaring the encoding scheme while opening the file. I got to know more about returning and non-returning functions. The importance of if statements and accessing the board by indexing numbers. The important thing was the json.dump() and json.load() syntax for file handling concept and passing dictionary values in and out of the function and file.