

Coding Challenge 3 (4CS001)

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

For sure, the extra credit task was very challenging. Though all the parts of the challenge did require certain amount of google search. But, the hangman template with enough hints in it helped a lot. The explanation of the helping code in Coding Challenge 3.docx.pdf file was also of great help to start the different steps applied in the program.

There was also difficulty while saving the scores of a player. I have to get many researches and errors while completing the score saving code. The coding process could go smoothly when ample amount of time was used for thinking about the logic. However, errors and bugs did arise most when doing the extra credit part. The updating part of a player's score was one of the difficult one at the end of completing the challenge.

2. How do you go about completing the task?

Since, all the steps were given, it was quite easy. I went through the steps one by one and went to the next step only when the previous one was properly completely. In case of any confusion in between, I quickly did google search and researched about the confusion a little and could do some of the task in a flow. But most of the task where not exactly found on google. I had to experiment with most of the block of codes in many different ways to get the correct format of code for the correct output asked in the question. I got errors in most of the block of code but the extra credit part required a lot of debugging though.

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

I have learned many things over the course of completing this coursework task. Basically, I learned about how to use lists in python and also using functions for different codes of program. I also get a little knowledge about nested lists while appending the text file. Moreover, I learned about the if-elif-else condition which

had to be frequently used in the challenge. The challenge required the use of proper logic in the main hangman game code, while saving score and in some of the other codes which concludes that logic is very important in programming. I also learned the implementation of file handling like opening, reading and writing to a text file. Since, I was having a problem while saving the score of a new player so, I have used a flag condition which runs the program continuously until a false event appears when set to True.