

Coding Challenge 2

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

I'm just starting level programmer with basic knowledge of python programming so, there were many difficulties while completing the 'coding challenge 2' task and I know that further also I have to face many difficulties. The first challenge I found out while completing the task was to get key from the value while decoding the Morse code whereas it was a bit easy to get the key from value while encoding. Many more research was needed and every research had a different logic so it was very confusing to rely on which research. Another challenge was that once the user either encoded or decoded his/her message then again we had to ask either the user again wants to encode or decode a message. So researching about re-run program was also a difficult part. The another challenge was file handling where a user selects to read from file or console.

2. How did you go about completing the task?

Since, the task was to make a Morse code encoder and decoder in python so at first I only learned and tried to encode from the console (user input). After then the decoding part took some time. Also I researched about file handling and after many researches I finally learned the file handling process and implemented it, after then encoding and decoding from file was easy.

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

While learning programming, firstly rather than starting coding right away, logic is the important aspect. Python is easy language if we can understand structures properly and can easily manipulate them. The new thing I learned from this coursework was the file handling process and also absolutely the Morse code. I also learned about the re-run function.