

4CS001 – Introductory Programming & Problem Solving Coursework1

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

We were provided the template for each function and what should the function do, which was bit frustrating because I was not able to apply my own logic and understanding on the course work rather follow the template. Also, the provided template was difficult to understand because the function does not seem to correspond with the provided menu, it burned a lot of my time and energy just to match the menu with the function. We were writing codes only up to maximum 50 lines in the workshop and tutorial classes but writing codes which is more than 250 lines was confusing and using all the concepts of exception handling, input validation made the code more confusing as I had to constantly keep maintaining the indentation.

2. How did you go about completing the task?

For completing this course work, I researched the methods for encrypting and decrypting using ceaser cipher method in different websites and check different methods. Then I defined the using function according to the question and validated the inputs of user, so it does not cause the program to terminate if the user input is invalid. After defining every function, I defined the final function to connect each function to one another and work as expected.

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

After completion of the task, I felt very confident and happy that my coding knowledge was sufficient to build a complete code for encrypting and decrypting the message of the user. I felt very happy that my coding knowledge was put to test and a result I learned to use all the concepts we have studied so far for building a functionable code.