



Introductory Programming and Problem Solving(4CS001)

<Individual Report>

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

Due to my lack of knowledge on the subject, I had trouble performing encryption and decryption using Caesar Cipher. I am finding it difficult to

recall because the course is moving so quickly. Having never used this module before, I have found it to be rather difficult to comprehend the Python programming language. For me to grasp and finish the coursework more quickly and easily, I also looked for YouTube videos about the Python programming language. I have a rough plan for how we could finish the program, but I am unable to put it into action. I was aided greatly in completing this assignment as well.

2.How did you go about completing the task?

I knew a little bit about the Python programming language, but I didn't know about its built-in functions, which I discovered while working on this project. I searched as a result, and through a variety of YouTube videos and Google links, I came into my ultimate solution. I went back to it several times and in a few days figured it out because it appeared weird to me to solve the problem. My friends and my instructors were a great assistance to me, as well. I was able to complete it, and I now clearly understand how various programs are made, what happens, and what they are meant to do.

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

Before completing this course, I found it challenging to understand the functions and use of them in Python programming languages. I was having

trouble recalling all the processes and how they worked. After finishing the course, however, I was able to use these functions.

I learned about the Caesar cipher method of encrypting and decrypting after completing this course. I learned about various built-in functions such as `.join`, `map`, `.strip`, and `.isdigit`. I also learned how to ask input from user. I didn't fully understand this coursework before I finished this training. I had never heard of the Caesar Cipher before finishing the course material. This example has greatly improved my understanding of a program that encrypts and decrypts text using the Caesar Cipher.