

UNIVERSITY PARTNER



Introductory Programming and problem Solving (4CS001)

Coursework 1

Report

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

Ans: The challenging aspects of the coursework that I had to face during the completion of this task was as there are several and same input validation loops are used in the different parts of the code so I has to face many errors during the task and as it was a new concept it took some time to understand the concept of the ceaser cipher algorithm. The function of the encryption and decryption was challenging as the program had to successfully run and show the correct output in the console and the file. During the completion of this task there were many minor error like indentation, type error so error handling was also challenging. It made me hard for me to handle all the edge situations since I has to skip all the spaces and the punctuations.

2.How did you go about completing the task?

Ans: Because I was not familiar with the Caesar cypher algorithm, I found the exercise difficult to complete. It was my responsibility to learn about it, integrate it into a function, and make it work. Through much research and getting ideas through my friends and teachers I came up with the completion of the task. It was my responsibility to learn about it, integrate it into a function, and make it work. I had a pretty hard time programming since I kept running into errors and problems as I was making the application. Due to the need to skip the entire cycle to encrypt or decode the word, special characters presented significant problems for the encryption and decryption processes. While running it on the terminal there were many problems like the program does not run and program would show errors and through much research about the topic and error I finally came up with the completion of the task.

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

Ans: Over the course of completing this course I learned about how to handle errors, file handling, about the encryption and decryption , history of ceaser cipher, I also got to implement the basic of the python that we have learned over this module. It assisted me with understanding the fundamental encryption idea that is used to encode the information and secure the information. It assisted me with making my testing and investigating the abilities more familiar and effective. It additionally assisted me with understanding the limits of Caesar figure. I additionally figured out how to utilize many capabilities cooperate in sync so the code is more proficient and better to watch. It likewise helped me to grasp the cryptography essentials and down to earth use of the idea Caesar figure. I also gained a deeper understanding of the cryptography course and increased my interest in learning more about it. I was able to really improve my ability to solve programs thanks to this.