

UNIVERSITY PARTNER



## Introductory Programming and Problem Solving(4CS001)

<Individual Report>

Student Id : np03cs4a220202

Student Name : Akriti Kumari Dev

Group : L4CG5

Lecturer : Mr. Shiva Raj Pandey

## **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.