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

Ans- For me the most challenging aspect of the coursework task was asking the user for input until they give a valid response. That task was quite challenging for me because I am new in the programming and for me these things are way too complicated to understand. Asking the user for input was not that complicated. It was just using input () built-in-function to get input from the user. The input from the user is read as a string and can be assigned to a variable. The input () function reads the value entered by the user. But asking the user for input until they give a valid response was difficult because we have to use if statement and loop in order to get the suitable code. I start making with the while loop and if/else statement to get that extra mark, but then I started to struggle. So I research and went to the official python site to solve this problem and then I find my required answer. So, this was my most challenging aspect of the task.

2. How did you go about completing the task?

Ans- About completing the task, I went to get some guidance by using the internet browser and also from some of my college friends. After getting information from the source, I started coding but when I executed the code, I face with some errors. Then I start watching some video on the similar topic and try myself again and with help of some of my college friends. I was able to execute the program after that. They pointed out the errors and thoroughly explained the logic behind it. These are my process of completing the given task. It helped me a lot.

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

Ans- The coursework itself taught me a lot of things during completing this coursework task such as taking user input, calculating the input given by the user, asking the user for input until they give a proper answer using the loop function and if/else statement function, using user-defined function, calling the function, continue the code etc. Throughout the process of making and coding this program, I learned some interesting topic which I have not heard before. I've developed the habit of adding comments to every line of code because it make the programmer easier to understand the code and also for future references. I also explored how to search for errors in code and what the errors really means. I learned to make a program which can encode and decode the value given by the user using python.