

**Task\_01: a**

Write a C program to read name and marks of n number of students and store them in a file.

**Task 01: b**

Write C Program to write the your name , roll number and marks of PF then read the data from file then give 5 marks bonus to obtained marks then print the data to console.

**Task\_02:**

Write C program to read name and marks of n number of students from and store them in a file. If the file previously exists, add the information to the file.

**Task\_03:**

C program to write all the members of an array of structures to a file using fwrite(). Read the array from the file and display on the screen.

**Task\_04:**

Write C Program that Reads a Text File and Counts the Number of Times a Certain Letter Appears in the Text File.

**Task\_05:**

Consider a String entered by the user which he wants to encrypt and then decrypt the information.

Perform this functionality via the filling technique by first inserting the encrypted text in the file then read the encrypted text to decode it back to string.

**Input:**

Enter String = Hello World

Output:

Normal Text

Hello World

Encrypted text inserted in file

lgopt&^w{vo

Decrypted text Read then decoded from file

Hello World

(Note: For Encryption the algorithm would be is to take the length of the string then add the number based on the index position of the character of the string when inserting into the file)

Example:

ABC = //Here A is at position 1 B is at position 2 and c is at position 3 if we add these position values to their ascii code then the ascii values become

Original values = 65 66 67; modified = 66 68 70 which converts the text to B D F