## REPORT FOR 0X03 DIRECTORY!!

Date:18<sup>th</sup> June,2022 Time: 04:25 pm

This report is to explain what this C program should do. The program is to check the position of the element and print it's index.

- \*So It started with the creation of the array file, then I included the stdio.h header file.
- \*After that I wrote my main function which only returned 0 to the function.
- \*Then I declared the variables and initialized the unsigned int variable to 20
- \*Then using a for loop, we initialized the position variable to 0, and we did a comparison with the SIZE variable that if position is less then SIZE, then position should be incremented.
- \*So if the condition is true, then we move to the code block beneath to execute the code there, there we are adding 5 to position and saving it at the index n[position] variable.
- \* Then we use another for loop to initialize index to 0, and did another comparison to check if index is less than SIZE, we should update index. If the condition is true, then we move to the code block beneath it and execute it. So we use printf to print the Element at the index and also the index itself, we will work in this block of code until it becomes false then we end the program