**Requirements**

**Software used**: Code::blocks version 17.12

**Operating System**: Windows.

**Header files required are:**

#include <stdio.h> -> used to perform standard input and output functions.

#include <stdlib.h> -> used for standard library utilities.

#include <string.h> -> used to access all the string functions in the string library to

make use of inbuilt functions of string for better coding.

For this project we need to understand and be thorough with the need and use of functions, how to create functions and how to call functions in C programming, followed by using different types of functions such as void functions or return type functions etc.

Also there is a need to be well verse with the in-built string functions that are available in the string library of the C language in the header file “#include<string.h>”