

CENG 241 LAB 3

1-Write a C++ program to create a file by the given name by the user input. Then, let user enter information and store in the file. Program should keeps asking user if he/she wants to continue. As long as user enters “y”, user goes on writing lines. When user enters “n”, all information will be displayed line by line. (You should use relative path while creating the file. Do not use absolute path.)

```
Enter file name: myfile.txt
Enter information to store..
This is C++ File Handling Tutorial.
Want to enter more ? <y/n>.. y
You will learn all about C++ file handling.
Want to enter more ? <y/n>.. y
This is the first chapter.
Want to enter more ? <y/n>.. y
This programs demonstrates file handling in C++
Want to enter more ? <y/n>.. n

The information successfully stored in the file..!!

Want to see ? <y/n>..y

The file contains:
This is C++ File Handling Tutorial.
You will learn all about C++ file handling.
This is the first chapter.
This programs demonstrates file handling in C++
```

2- Write a C++ program to check whether substring is present in given string

```
Enter any string first :: Lets try if solution is correct
Enter Substring u want to Search :: if
The substring [ if ] is present in given string at position [ 10 ]
-----
Process exited after 30.92 seconds with return value 0
Press any key to continue . . .
```

3-Write a C++ Program to Find the Number of Vowels, Consonants, Digits and White Spaces in a String.

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```
Enter a line of string: Call 112 if you need help urgently
Vowels: 9
Consonants: 16
Digits: 3
White spaces: 6

-----
Process exited after 65.72 seconds with return value 0
Press any key to continue . . .
```