

## CENG 241 LAB 2

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 . . .
```