



NATIONAL TEXTILE UNIVERSITY

Department of Computer Science

Lab # 14: Programming Fundamentals (COC-1071)

Basic Information			
Registration#		Name	
Total Marks		Marks Obtained	
Tools:	Dev-C++ 5.4.1		
Objectives	1. Writing on A File 2. Reading Files	3.	
Note	Solve the following problems using the concepts we have covered so far		

1. Create a file of Notepad with at least 5 sentences and read it 3 times and display it. First character by character, second word on each line and third line by line.
2. Write at least 5 sentences on a text file from your program and create the text file if it is not already created. Perform this activity using the stream insertion operator. For example: `hFile<<" This is an example \n....";`
3. Save the above 5 sentences in an array and then write them on a text file. Extend this program which read same file and display it on console each word on separate line.
4. Write following text on a text file as it is:
You will find it very good
good practice always to verify
your references
(Dr. Routh)
Write a program which will read this file and display it as it is:
5. Read the above file and display the whole text on one line
6. Ask the user to enter some sentences and save these sentences on some text file. Assume text file is not created
7. Save Question 1 to 4 on a text file and name is "Sample.txt". Write a program which counts total number of words in this file.
8. Ask user to enter a word and check whether this word exists in the "Sample.txt" OR not.
9. Implement Find and Replace for "Sample.txt" for same sized words. Ask user a word to find and word to replace. Find the word from "Sample.txt" and replace with new word and display text on console.
10. Copy the contents of one text file on the other text file.
11. Copy the contents of one text file at the end of other text file
12. Count total number of characters in "Sample.txt" using tell and seek function
13. Display "Sample.txt" data exactly from center, up to end. For example, if it has 30 characters display 15-30.
14. Create a text file and save some sentences in it. Display this file in reverse from end to beginning. But words should not be reversed.
15. Implement telephone directory with following Functionalities using OOP and File Handling approach: Same First Name, Last Name, Phone Number, Email, City of member.

Telephone Directory

1
2
3
4
5
6
7

Input
Display All
Search with First Name
Search with City
Update First Name
Update Phone Number
Exit

Enter Choice: