

Name:	SRN:	Section:
	Date:	Week Number:

1	<p>Write a C program to merge contents of two files into a third file.</p> <p>Hint: Create three files- 2 files(file1.txt and file2.txt) with contents and third file(file3.txt) to merge contents of other two files(file1.txt and file2.txt).</p> <p>Input:</p> <pre>gedit file1.txt Hi,Good morning! Have a nice day gedit file2.txt Welcome to C programming- file handling concepts gedit file3.txt //empty file Enter the 1st file name : file1.txt Enter the 2nd file name : file2.txt Enter the new file name to merge the two files:file3.txt</pre> <p>Output:</p> <pre>The two files merged into file3.txt file successfully..!! //Third file-Merged contents of two files(file1.txt and file2.txt) gedit file3.txt Hi,Good morning! Have a nice day Welcome to C programming- file handling concepts</pre>
	Program:
	Output Screenshot:

2	<p>Write a C program to write multiple lines in a text file.</p> <p>Input:</p> <p>enter the filename</p> <p>file.txt</p> <p>Enter the number of lines to be written : 2</p> <p>The lines are</p> <p>hi hello</p> <p>how are you</p> <p>Output:</p> <p>The content of the file file.txt is :</p> <p>hi hello</p> <p>how are you</p>
	Program:
	Output Screenshot:
3	<p>Write a program to sort positive integers in the ascending order using insertion sort</p> <p>Input:</p> <p>Enter the number of elements u want to sort</p> <p>5</p> <p>Output:</p> <p>Enter 5 elements</p> <p>13</p>

	<p>6</p> <p>23</p> <p>1</p> <p>89</p> <p>Before sorting</p> <p>13</p> <p>6</p> <p>23</p> <p>1</p> <p>89</p> <p>After sorting</p> <p>1</p> <p>6</p> <p>13</p> <p>23</p> <p>89</p>
	Program:
	Output Screenshot:
4	Write a bubblesort program to sort students details based on students roll number/name in the ascending order using array of pointers, by taking input from csv file and using callback to call two functions i)sort based on roll number ii) sort based on name.

Input:

stud.csv file

Output:

99 xx

7 bb

22 cc

45 zz

8 aa

12 ff

4 gg

3 dd

27 jj

1 kk

32 ee

Enter your option

1.sort on roll

2.sort on name

0.exit
1
1 kk
3 dd
4 gg
7 bb
8 aa
12 ff
22 cc
27 jj
32 ee
45 zz
99 xx
Enter your option
1.sort on roll
2.sort on name
0.exit
2

	8 aa 7 bb 22 cc 3 dd 32 ee 12 ff 4 gg 27 jj 1 kk 99 xx 45 zz
	Program:
	Output Screenshot: