**1.**Write a program in C to create and store information in a text file.   
Test Data :  
Input a sentence for the file : This is the content of the file test.txt.  
*Expected Output* :

The file test.txt created successfully...!!

**2.**Write a program in C to read an existing file.   
Test Data :  
Input the file name to be opened : test.txt  
*Expected Output* :

The content of the file test.txt is :

This is the content of the file test.txt.

**3.**Write a program in C to write multiple lines in a text file.   
Test Data :  
Input the number of lines to be written : 4  
:: The lines are ::  
test line 1  
test line 2  
test line 3  
test line 4  
*Expected Output* :

The content of the file test.txt is :

test line 1

test line 2

test line 3

test line 4

**4.**Write a program in C to read the file and store the lines into an array.   
Test Data :  
Input the file name to be opened : test.txt  
*Expected Output* :

The content of the file test.txt are :

test line 1

test line 2

test line 3

test line 4

**5.**Write a program in C to Find the Number of Lines in a Text File.   
Test Data :  
Input the file name to be opened : test.txt  
*Expected Output* :

The lines in the file test.txt are : 4

**6.**Write a program in C to find the content of the file and number of lines in a Text File.   
Test Data :  
Input the filen ame to be opened : test.txt  
*Expected Output* :

The content of the file test.txt are :

test line 1

test line 2

test line 3

test line 4

The lines in the file are : 4

**7.**Write a program in C to count a number of words and characters in a file.   
Test Data :  
Input the file name to be opened : test.txt  
*Expected Output* :

The content of the file test.txt are :

test line 1

test line 2

test line 3

test line 4

The number of words in the file test.txt are : 12

The number of characters in the file test.txt are : 36

**8.**Write a program in C to delete a specific line from a file.

Assume that the content of the file test.txt is :

test line 1

test line 2

test line 3

test line 4

Test Data :  
Input the file name to be opened : test.txt  
Input the line you want to remove : 2  
*Expected Output* :

The content of the file test.txt is :

test line 1

test line 3

test line 4

**9.**Write a program in C to replace a specific line with another text in a file.

Assume that the content of the file test.txt is :

test line 1

test line 2

test line 3

test line 4

Test Data :  
Input the file name to be opened : test.txt  
Input the content of the new line : Yes, I am the new text instead of test line 2  
Input the line no you want to replace : 2  
*Expected Output* :

Replacement did successfully..!!

**10.**Write a program in C to append multiple lines at the end of a text file.

Assume that the content of the file test.txt is :

test line 1

test line 2

test line 3

test line 4

Test Data :  
Input the file name to be opened : test.txt  
Input the number of lines to be written : 3  
The lines are :  
test line 5  
test line 6  
test line 7  
*Expected Output* :

The content of the file test.txt is :

test line 1

test line 2

test line 3

test line 4

test line 5

test line 6

test line 7

**11.**Write a program in C to copy a file in another name.

Assume that the content of the file test.txt is :

test line 1

test line 2

test line 3

test line 4

Test Data :  
Input the source file name : test.txt  
Input the new file name : test1.txt  
*Expected Output* :

The file test.txt copied successfully in the file test1.txt.

If you read the new file you will see the content of the file :

test line 1

test line 2

test line 3

test line 4

**12.**Write a program in C to merge two files and write it in a new file.

Assume that the content of the file test.txt and test1.txr is :

The content of the file test.txt is :

This is the file test.txt.

The content of the file test1.txt is :

This is the file test1.txt.

Test Data :  
Input the 1st file name : test.txt  
Input the 2nd file name : test1.txt  
Input the new file name where to merge the above two files : mergefiles.txt  
*Expected Output* :

The two files merged into mergefiles.txt file successfully..!!

Here is the content of the merge file mergefiles.txt :

The content of the file mergefiles.txt is :

This is the file test.txt.

This is the file test1.txt.

**13.**Write a program in C to encrypt a text file.

Assume that, the content of the file test.txt is :

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Test Data :  
Input the name of file to encrypt : test.txt  
*Expected Output* :

File test.txt successfully encrypted ..!!

If you read the file test.txt you will see the following :

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**14.**Write a program in C to decrypt a previously encrypted file file.

Assume that, the content of the file test.txt was :

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After encryption, the content of the file is :

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Test Data :  
Input the name of file to decrypt : test.txt  
*Expected Output* :

The file test.txt decrypted successfully..!!

Now, if you read the file test.txt you will see the following :

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**15.**Write a program in C to remove a file from the disk.   
Test Data :  
Input the name of file to delete : test.txt  
*Expected Output* :

The file test.txt is deleted successfully..!!