

C# Exercises : Files

1. Write a program in C# Sharp to create a blank file in the disk newly.

A file created with name mytest.txt

2. Write a program in C# Sharp to remove a file from the disk.

Remove a file from the disk (at first create the file) :

The file mytest.txt deleted successfully

Remove a file from the disk (at first create the file) :

File does not exist

3. Write a program in C# Sharp to create a blank file in the disk if the same file already exists.

A file created with name mytest.txt

4. Write a program in C# Sharp to create a file and add some text.

A file created with content name mytest.txt

5. Write a program in C# Sharp to create a file with text and read the file.

Here is the content of the file mytest.txt :

Hello and Welcome
It is the first content
of the text file mytest.txt

6. Write a program in C# Sharp to create a file and write an array of strings to the file.

Test Data :

Input number of lines to write in the file : 2
Input 2 strings below :
Input line 1 : this is 1st line
Input line 2 : this is 2nd line

The content of the file is :

this is 1st line
this is 2nd line

7. Write a program in C# Sharp to create and write some line of text into a file which does not contain a given string in a line.

Test Data :

Input the string to ignore the line : fox
Input number of lines to write in the file : 2
Input 2 strings below :
Input line 1 : the quick brown fox jumps

Input line 2 : over the lazy dog.

The line has been ignored which contains the string 'fox'.

The content of the file is :

over the lazy dog.

8. Write a program in C# Sharp to append some text to an existing file.

Here is the content of the file mytest.txt :

Hello and Welcome
It is the first content
of the text file mytest.txt

Here is the content of the file after appending the text :

Hello and Welcome
It is the first content
of the text file mytest.txt
This is the line appended at last line.

9. Write a program in C# Sharp to create and copy the file to another name and display the content.

Here is the content of the file mytest.txt :

Hello and Welcome
It is the first content
of the text file mytest.txt

The file mytest.txt successfully copied to the name mynewtest.txt in the same directory.

Here is the content of the file mynewtest.txt :

Hello and Welcome
It is the first content
of the text file mytest.txt

10. Write a program in C# Sharp to create a file and move the file into the same directory to another name.

Here is the content of the file mytest.txt :

Hello and Welcome
It is the first content
of the text file mytest.txt

The file mytest.txt successfully moved to the name mynewtest.txt in the same directory.

Here is the content of the file mynewtest.txt :

Hello and Welcome
It is the first content
of the text file mytest.txt

11. Write a program in C# Sharp to read the first line from a file.

Here is the content of the file mytest.txt :

```
test line 1
test line 2
Test line 3
```

The content of the first line of the file is :

```
test line 1
```

12. Write a program in C# Sharp to create and read the last line of a file.

Test Data :

```
Input number of lines to write in the file :3
Input 3 strings below :
Input line 1 : line1
Input line 2 : line2
Input line 3 : line3
```

The content of the last line of the file mytest.txt is :

```
line3
```

13. Write a program in C# Sharp to read a specific line from a file.

Test Data and

Input number of lines to write in the file :3

```
Input 3 strings below:
Input line 1 : line1
Input line 2 : line2
Input line 3 : line3
```

Input which line you want to display :3

The content of the line 3 of the file mytest.txt is :

```
line3
```

14. Write a program in C# Sharp to create and read last n number of lines of a file.

Input number of lines to write in the file : 5

```
Input 5 strings below :
Input line 1 : line1
Input line 2 : line2
Input line 3 : line3
Input line 4 : line4
Input line 5 : line5
```

Input last how many numbers of lines you want to display : 3

The content of the last 3 lines of the file mytest.txt is :

```
The last no 3 line is : line3
```

The last no 2 line is : line4

The last no 1 line is : line5

15. Write a program in C# Sharp to count the number of lines in a file.

Here is the content of the file mytest.txt :

test line 1

test line 2

Test line 3

test line 4

test line 5

Test line 6

The number of lines in the file mytest.txt is : 6