

C-131 \Rightarrow C Program to copy one content of file to another file

* We have two files like abc.txt and destination.txt

* So we need to copy content of abc file and paste in destination file.

* So first we read our abc.txt file character by character till end of file and going to write in the destination.txt file

We need two file pointer for accessing two files.

```
int main()
{
    FILE *fptr1, *fptr2;
    char ch;
    fptr1 = fopen("abc.txt", "r");
    if (fptr1 == NULL)
    {
        printf("File do not exist or error");
        exit(1);
    }
```

abc.txt

Hi
Hello

```
    fptr2 = fopen("destination.txt", "w");
    if (fptr2 == NULL)
    {
        printf("Error in opening file");
        exit(1);
    }
```

destination.txt

Hi
Hello

Date _____
Page _____

```

while ((ch = fgetc(fptr1)) != EOF)
{

```

```

    fputc(ch, fptr2);
}

```

```

printf("successfully copied");

```

```

    fclose(fptr1);
    fclose(fptr2);
}

```

* Now after copied if we need to read the content of the destination file then change the opening mode of destination file and write the code for reading the content.

Eg ② Copy and paste the code is Eg ①
 ↳ change w to w+
 mode in destination file
 then write the remaining code
 to read the content.

```

while (!feof(fptr2))
{

```

```

    ch = fgetc(fptr2);
    printf("%c", ch);
}

```

```

return 0;
}

```


File Explorer window showing the directory structure and file details. The selected file is "abc".

File Explorer Path: « C PROGRAMS » PART 5_Jennys Lectures » PART 9_JENNYS LECTURE_FILE HANDLING » 52_Pgm to copy content of one file to another file

File Details:

Name	Date modified	Type	Size
bin	28-Jul-22 8:40 AM	File folder	
obj	28-Jul-22 8:40 AM	File folder	
52_Pgm to copy content of one file to another ...	27-Jul-22 11:43 AM	project file	2 KB
52_Pgm to copy content of one file to another ...	28-Jul-22 12:40 PM	DEPEND File	1 KB
52_Pgm to copy content of one file to another ...	27-Jul-22 2:07 PM	LAYOUT File	1 KB
abc	28-Jul-22 12:43 PM	TXT File	1 KB
destination	28-Jul-22 12:45 PM	TXT File	0 KB
main	28-Jul-22 12:44 PM	C File	1 KB

8 items 1 item selected 22 bytes

Code Editor (D:\1. C C++NOTEBOOK\C LANGUAGE\C PROGRAMS\PART 5_Jennys Lectures\PART 9_JENN...):

```
1 Hi
2 Hello
3 How are you
```

File Explorer window showing the directory structure and file details. The selected file is "destination".

File Explorer Path: « C PROGRAMS » PART 5_Jennys Lectures » PART 9_JENNYS LECTURE_FILE HANDLING » 52_Pgm to copy content of one file to another file

File Details:

Name	Date modified	Type	Size
bin	28-Jul-22 8:40 AM	File folder	
obj	28-Jul-22 8:40 AM	File folder	
52_Pgm to copy content of one file to another ...	27-Jul-22 11:43 AM	project file	2 KB
52_Pgm to copy content of one file to another ...	28-Jul-22 12:40 PM	DEPEND File	1 KB
52_Pgm to copy content of one file to another ...	27-Jul-22 2:07 PM	LAYOUT File	1 KB
abc	28-Jul-22 12:43 PM	TXT File	1 KB
destination	28-Jul-22 12:45 PM	TXT File	0 KB
main	28-Jul-22 12:44 PM	C File	1 KB

8 items 1 item selected 0 bytes

Code Editor (D:\1. C C++NOTEBOOK\C LANGUAGE\C PROGRAMS\PART 5_Jennys Lectures\PART 9_JENN...):

```
1
```

```
"D:\1. C C++\NOTEBOOK\C LANGUAGE\C PROGRAMS\PART 5_Jennys Lectures\PART 9_JENNY'S LECTURE_FILE HANDLING\52_...
Successfully copied the content
Process returned 0 (0x0)   execution time : 0.015 s
Press any key to continue.
```

File Explorer window titled "52_Pgm to copy content of one file to another file". The address bar shows the path: << C PROGRAMS > PART 5_Jennys Lectures > PART 9_JENNY'S LECTURE_FILE HANDLING > 52_Pgm to copy content of one file to another file.

The left sidebar shows "Quick access" with "This PC" and "Network".

The main pane displays a list of files and folders:

Name	Date modified	Type	Size
bin	28-Jul-22 8:40 AM	File folder	
obj	28-Jul-22 8:40 AM	File folder	
52_Pgm to copy content of one file to another ...	27-Jul-22 11:43 AM	project file	2 KB
52_Pgm to copy content of one file to another ...	28-Jul-22 12:48 PM	DEPEND File	1 KB
52_Pgm to copy content of one file to another ...	27-Jul-22 2:07 PM	LAYOUT File	1 KB
abc	28-Jul-22 12:43 PM	TXT File	1 KB
destination	28-Jul-22 12:48 PM	TXT File	1 KB
main	28-Jul-22 12:44 PM	C File	1 KB

An inset window shows a text editor with the following content:

```
1 Hi
2 Hello
3 How are you
```