

Experiment no – 09(a)

Aim: Write a program to copy the contents of the file from one file into other.

Algorithm:

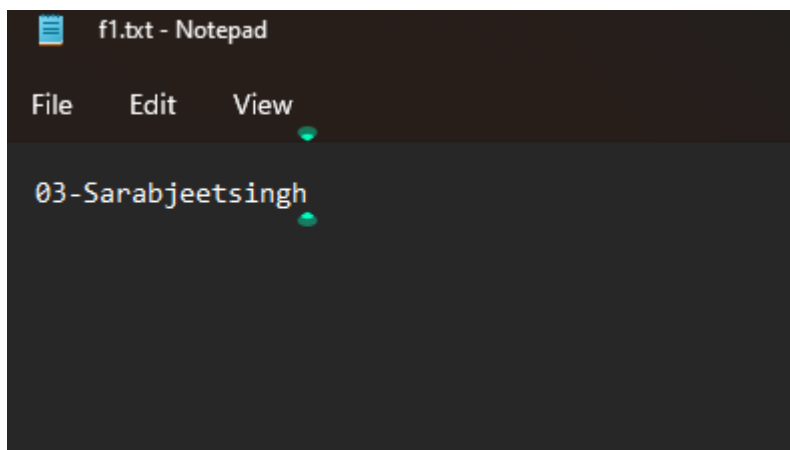
- i. Start
- ii. Create 2 files, f1 and f2
- iii. Add text to f1
- iv. Use `getc`, `putc`, `FILE`.
- v. Open f2
- vi. File f1's content has been copied to f2
- vii. Stop

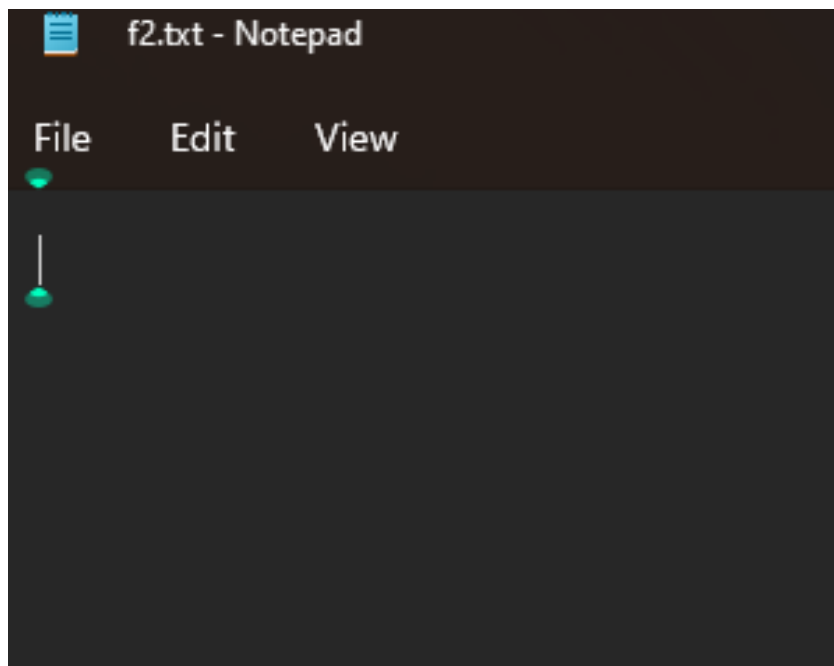
Code:

```
#include<stdio.h>

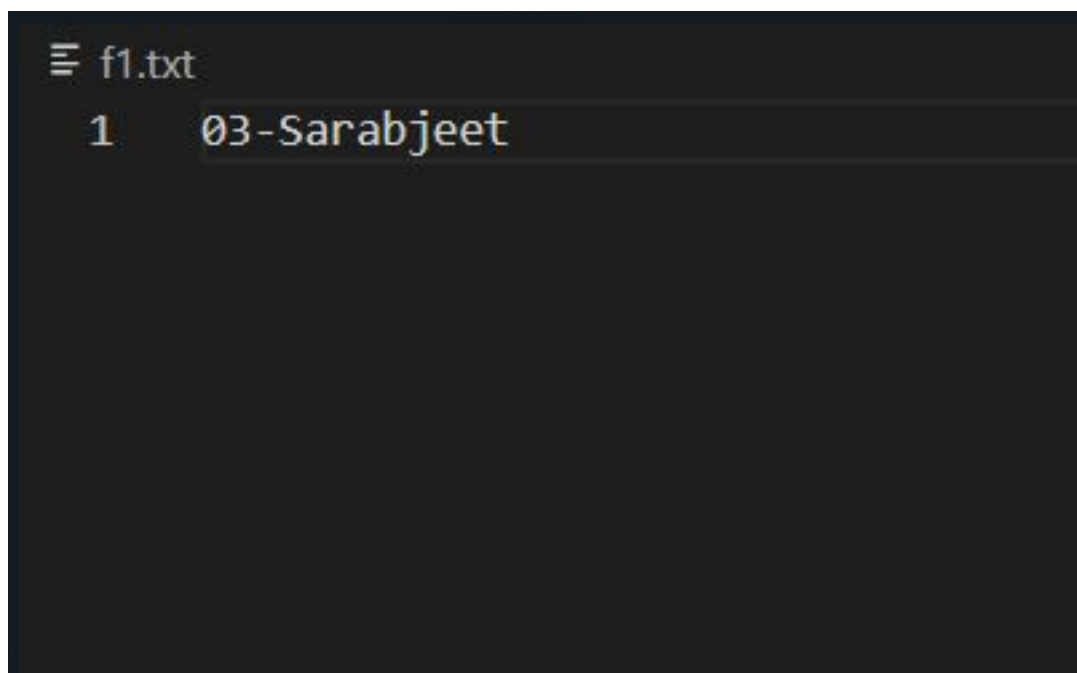
main()
{
    FILE *fp1, *fp2;
    char ch;

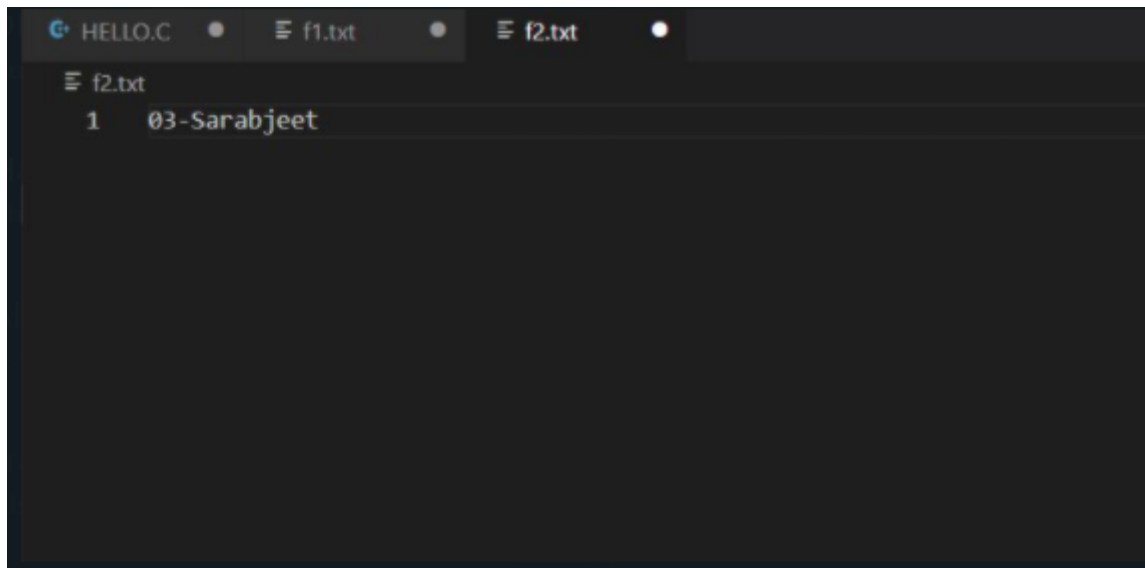
    fp1 = fopen("f1.txt", "r");
    fp2 = fopen("f2.txt", "w");
    while((ch = getc(fp1)) != EOF)
        putc(ch, fp2);    fclose(fp1);
    fclose(fp2);    getch();
}
```





Output:





Experiment no – 09(b)

Aim: Write a program to print the structure using

- Title
- Author
- Subject
- Book ID Print the details of two students.

Code:

```
#include<stdio.h>

struct book
{
    char Title[40]; char
    Author[40]; char
    Subject[40]; int
    Book_ID;
}; int
main() {

    printf("03-sarabjeet.\n."); struct
    book b[3];
    int i;
    for(i=0; i<3; i++)
```

```

{
printf("Enter details of book #%d\n", i+1);
printf("Enter book Id: "); scanf("%d",
&b[i].Book_ID); printf("Enter book Title:
"); scanf("%s", &b[i].Title); printf("Enter
book Subject: "); scanf("%s",
&b[i].Subject); printf("Enter book
Author: "); scanf("%s", &b[i].Author); }
for(i=0; i<3; i++)
{
printf("\nBook %d..... \n\n", i+1);
printf("Book Id: %d\n", b[i].Book_ID);
printf("Book Name: %s\n", b[i].Title);
printf("Book Subject: %s\n", b[i].Subject);
printf("Book Author: %s\n", b[i].Author);
} return
0;
}

```

Output:

```
03-Sarabjeetsingh
.Enter details of book #1
Enter book Id: 101
Enter book Title: CJ
Enter book Subject: CoreJAVA
Enter book Author: Sambare
Enter details of book #2
Enter book Id: 102
Enter book Title: PP
Enter book Subject: PythonProgramming
Enter book Author: Sambare
Enter details of book #3
Enter book Id: 103
Enter book Title: OS
Enter book Subject: OperatingSyatem
Enter book Author: Sambare

Book 1.....

Book Id: 101
Book Name: CJ
Book Subject: CoreJAVA
Book Author: Sambare

Book 2.....

Book Id: 102
Book Name: PP
Book Subject: PythonProgramming
Book Author: Sambare

Book 3.....

Book Id: 103
Book Name: OS
Book Subject: OperatingSyatem
Book Author: Sambare

...Program finished with exit code 0
Press ENTER to exit console.
```