

```
#include<stdio.h>
#include<stdlib.h>
int main()
{
    FILE *fptr1,*fptr2;
    char filename[100],c;
    printf("enter the filename to open for reading \n");
    scanf("%s",filename);
    fptr1 = fopen(filename,"r");
    if(fptr1 == NULL)
    {
        printf("cannot open the file %s \n", filename);
        exit(0);
    }
    printf("enter the filename to open for writing \n");
    scanf("%s",filename);
    fptr2 = fopen(filename, "w");
    if(fptr2 == NULL)
    {
        printf("cannot open the file %s \n",filename);
        exit(0);
    }
    c = fgetc(fptr1);
    while(c != EOF)
    {
        fputc(c,fptr2);
        c = fgetc(fptr1);
    }
    printf("\ncontents copied to %s", filename);
    fclose(fptr1);
    fclose(fptr2);
    return 0;
}
```

user@user-HP-ProDesk-400-G1-SFF: ~/Desktop

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user@user-HP-ProDesk-400-G1-SFF:~\$ cd Desktop

user@user-HP-ProDesk-400-G1-SFF:~/Desktop\$ cc dayone2.c

user@user-HP-ProDesk-400-G1-SFF:~/Desktop\$./a.out

enter the filename to open for reading

b.txt

enter the filename to open for writing

a.txt

Segmentation fault (core dumped)

user@user-HP-ProDesk-400-G1-SFF:~/Desktop\$