



Filecopying.c x copyfile.c x hello.c x

```
#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 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 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;
}
```

```
guest-S2XIFJ@cn28-HP-ProDesk-400-G1-SFF: ~/Desktop
guest-S2XIFJ@cn28-HP-ProDesk-400-G1-SFF:~$ cd Desktop
guest-S2XIFJ@cn28-HP-ProDesk-400-G1-SFF:~/Desktop$ cc copyfile.c
guest-S2XIFJ@cn28-HP-ProDesk-400-G1-SFF:~/Desktop$ ./a.out
Enter the filename to open for reading
file3.txt
Cannot open file file3.txt
guest-S2XIFJ@cn28-HP-ProDesk-400-G1-SFF:~/Desktop$ cc copyfile.c
guest-S2XIFJ@cn28-HP-ProDesk-400-G1-SFF:~/Desktop$ ./a.out
Enter the filename to open for reading
filecopying.c
Enter the filename to open for writing
hello.c
Contents copied to hello.c
```

```
    c = fgetc(fp1);
}
printf("\nContents copied to %s", filename);
fclose(fp1);
fclose(fp2);
return 0;
}
```