

```

#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;  
    }
```

Output:

```
Enter the filename to open for reading  
file1.txt  
Enter the filename to open for writing  
file2.txt  
  
Contents copied to file2.txt  
-----  
Process exited after 14.01 seconds with return value 0  
Press any key to continue . . . |
```