



Lesson 73 Copy File

We want to make a program that counts the letters in the file. We create a file and write in it what we want to count, or any file that is already prepared.

```
FILE* g = fopen("gammal.txt", "w")
//creation of the file
fprintf(g, "The only place to master software engineering.");
//write in the file
#include <stdio.h>
int main() {
FILE* g = fopen("gammal.txt", "r");
//read from the file
int count = 0;
while (fscanf(g, "%*c") != EOF)
count++;
//count all the spaces and numbers
printf("Count : %d\n", count);
}
```



output:

count : 48

Try the code yourself : [Click Here!](#)

But if we want to **count** the number of characters without spaces and /n :

```
#include <stdio.h>
int main() {
FILE* g = fopen("gammal.txt", "r");
int count = 0;
char ch;
while (fscanf(g, "%c", &ch) != EOF)
if (ch != ' ' && ch != '\n')
count++;
printf("Count : %d\n", count);
}
```

output

count:40

Try the code yourself : [Click Here!](#)



What if we want to **copy** text from a file to another one :

```
#include <stdio.h>
```

```
int main() {
```

```
FILE* g = fopen("gammal.txt", "r");
```

```
FILE* copy = fopen("gammal_copy.txt", "w");
```

```
int count = 0;
```

```
char ch;
```

```
while (fscanf(g, "%c", &ch) != EOF) {
```

```
    fprintf(copy, "%c", ch);
```

```
    //copy all the text
```

```
    //paste in into the other file
```

```
    if (ch != ' ' && ch != '\n')
```

```
        count++;
```

```
}
```

```
printf("Count : %d\n", count);
```

```
}
```

output:

count : 40

Try the code yourself : [Click Here!](#)

