





```
main.c X
2
3 typedef struct {
4     int id;
5     char name[20];
6     float price;
7 } Product;
8
9 int main() {
10     FILE *file = fopen("data.bin", "rb");
11     Product product;
12
13     if (file == NULL) {
14         printf("Error opening file\n");
15         return 1;
16     }
17
18     while (fread(&product, sizeof(product), 1, file)) {
19         printf("ID: %d\n", product.id);
20         printf("Name: %s\n", product.name);
21         printf("Price: %.2f\n\n", product.price);
22     }
23
24     fclose(file);
25
26     return 0;
27 }
28
```

## Logs &amp; others

```
Code::Blocks X Search results X Cccc X Build log X Build messages X CppCheck/Vera+
Checking for existence: C:\Users\kmoha\OneDrive\Documents\assi2\bin\Debug\assi2.exe
Set variable: PATH=.;C:\Program Files\CodeBlocks\MinGW\bin;C:\Program Files\CodeBlocks\MinGW\bin;C:\Window
\OpenSSH\C:\Program Files (x86)\NVIDIA Corporation\PhysX\Common;C:\Program Files\NVIDIA Corporation\NV
\AppData\Local\Programs\Python\Python310;C:\Users\kmoha\AppData\Local\Microsoft\WindowsApps\;C:\Users
Executing: "C:\Program Files\CodeBlocks\cb_console_runner.exe" "C:\Users\kmoha\OneDrive\Documents\assi2\bin\Debug\assi2.exe"
```

```
C:\Users\kmoha\OneDrive\Documents\assi2\bin\Debug\assi2.exe X + v
Error opening file
Process returned 1 (0x1)   execution time : 0.024 s
Press any key to continue.
```

```
1  #include <stdio.h>
2  #include <string.h>
3
4  #define MAX_LINE_LENGTH 1000
5
6  int main() {
7      FILE *input_file = fopen("input.txt", "r");
8      FILE *output_file = fopen("output.txt", "w");
9      char line[MAX_LINE_LENGTH];
10
11     if (input_file == NULL || output_file == NULL) {
12         printf("Error opening file\n");
13         return 1;
14     }
15
16     while (fgets(line, sizeof(line), input_file)) {
17         char *word = strtok(line, " ");
18         while (word != NULL) {
19             if (strcmp(word, "red\n") == 0) {
20                 fprintf(output_file, "blue ");
21             } else {
22                 fprintf(output_file, "%s ", word);
23             }
24             word = strtok(NULL, " ");
25         }
26     }
27
28     fclose(input_file);
```

## Logs &amp; others

Code::Blocks X Search results X Cccc X Build log X Build messages X CppCheck/Vera++ X CppCheck/Vera++ messages X

Checking for existence: C:\Users\kmoha\OneDrive\Documents\assi2\bin\Debug\assi2.exe  
Set variable: PATH=.;C:\Program Files\CodeBlocks\MinGW\bin;C:\Program Files\CodeBlocks\MinGW;C:\Windows\System32;C:\Windows;C:\Windows\System32\OpenSSH;C:\Program Files (x86)\NVIDIA Corporation\PhysX\Common;C:\Program Files\NVIDIA Corporation\NVIDIA NvDLISR;C:\Program Files\dotnet;C:\AppData\Local\Programs\Python\Python310;C:\Users\kmoha\AppData\Local\Microsoft\WindowsApps;.;C:\Users\kmoha\AppData\Local\Programs\Microsoft\WindowsApps

Executing: "C:\Program Files\CodeBlocks\cb\_console\_runner.exe" "C:\Users\kmoha\OneDrive\Documents\assi2\bin\Debug\assi2.exe" (in C:\Users\k

```
1  #include <stdio.h>
2  #include <ctype.h>
3
4  #define NUM_LETTERS 26
5
6  int main() {
7      FILE *input_file = fopen("data.txt", "r");
8      FILE *output_file = fopen("statistics.txt", "w");
9
10     if (input_file == NULL || output_file == NULL) {
11         printf("Error opening file\n");
12         return 1;
13     }
14
15     int letter_counts[NUM_LETTERS] = {0};
16     int ch;
17
18     while ((ch = fgetc(input_file)) != EOF) {
19         if (isalpha(ch)) {
20             letter_counts[tolower(ch) - 'a']++;
21         }
22     }
23
24     for (int i = 0; i < NUM_LETTERS; i++) {
25         fprintf(output_file, "%c: %d\n", 'a' + i, letter_counts[i]);
26     }
27
28     fclose(input_file);
```

## Logs &amp; others

Code::Blocks X Search results X Cccc X Build log X Build messages X CppCheck/Vera++ X CppCheck/Vera++ messages

Checking for existence: C:\Users\kmoha\OneDrive\Documents\assi2\bin\Debug\assi2.exe

Set variable: PATH=.;C:\Program Files\CodeBlocks\MingW\bin;C:\Program Files\CodeBlocks\MingW\C;\Windows\System32;C:\Windows;C:\Windows\S\OpenSSH;C:\Program Files (x86)\NVIDIA Corporation\PhysX\Common;C:\Program Files\NVIDIA Corporation\NVIDIA NvDLISR;C:\Program Files\dotn\AppData\Local\Programs\Python\Python310;C:\Users\kmoha\AppData\Local\Microsoft\WindowsApps;.;C:\Users\kmoha\AppData\Local\Programs\Micro Executing: "C:\Program Files\CodeBlocks\cb\_console\_runner.exe" "C:\Users\kmoha\OneDrive\Documents\assi2\bin\Debug\assi2.exe" (in C:\Use





&lt;global&gt;

main() : int

Managemen

Project

Workspace

assi2

Source

main.c x

```
1  #include <stdio.h>
2  #include <string.h>
3
4  int main() {
5      FILE *input_file = fopen("input.txt", "r");
6      FILE *error_log_file = fopen("error_log.txt", "w");
7      char line[100];
8
9      if (input_file == NULL || error_log_file == NULL) {
10         printf("Error opening file\n");
11         return 1;
12     }
13
14     while (fgets(line, sizeof(line), input_file)) {
15         if (strstr(line, "error") != NULL) {
16             fputs(line, error_log_file);
17         }
18     }
19
20     fclose(input_file);
21     fclose(error_log_file);
22
23     error_log_file = fopen("error_log.txt", "r");
24
25     if (error_log_file == NULL) {
26         printf("Error opening file\n");
27         return 1;
28     }
```

Logs &amp; others

Code::Blocks x Search results x Cccc x Build log x Build messages x CppChe

Checking for existence: C:\Users\kmoha\OneDrive\Documents\assi2\bin\Debug\assi2.exe  
Set variable: PATH=.;C:\Program Files\CodeBlocks\MingW\bin;C:\Program Files\CodeBlocks\MingW\C  
\OpenSSH;C:\Program Files (x86)\NVIDIA Corporation\PhysX\Common;C:\Program Files\NVIDIA Corpor  
\AppData\Local\Programs\Python\Python310;C:\Users\kmoha\AppData\Local\Microsoft\WindowsApps\;  
Executing: "C:\Program Files\CodeBlocks\cb\_console\_runner.exe" "C:\Users\kmoha\OneDrive\Docume

C:\Users\kmoha\OneDrive\Doc x + v

Error opening file

Process returned 1 (0x1) execution time : 0.010 s  
Press any key to continue.