C Online Compiler

main.c

Run

Output

```c
#include<stdio.h>

struct emp
{
    char name[10];
    int age;
};

void main()
{
    struct emp e;
    FILE *p,*q;
    p = fopen("one.txt", "a");
    q = fopen("one.txt", "r");
    printf("Enter Name and Age:");
    scanf("%s %d", e.name, &e.age);
    fprintf(p,"%s %d", e.name, e.age);
    fclose(p);
    do
    {
        fscanf(q,"%s %d", e.name, e.age);
        printf("%s %d", e.name, e.age);
    }
    while(!feof(q));
}
```

```
/tmp/YfHgnuAbpr.o
Enter Name and Age:
```

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Programiz
C Online Compiler

main.c

Run

Output

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

#define MAX_DATA_SIZE 1024

int main() {
    FILE *data_file = fopen("data.bin", "rb");
    if (data_file == NULL) {
        printf("Error: Failed to open data file\n");
        exit(1);
    }


    fseek(data_file, 0L, SEEK_END);
    int file_size = ftell(data_file);
    fseek(data_file, 0L, SEEK_SET);

    char *data = malloc(sizeof(char) * file_size);
    if (data == NULL) {
        printf("Error: Failed to allocate memory for data\n");
        fclose(data_file);
        exit(1);
    }


    int bytes_read = fread(data, sizeof(char), file_size, data_file);
```

```
/tmp/YfHgnuAbpr.o
Error: Failed to open data file
```

28°C
Partly cloudy

Search

main.c

Run

Output

```c
#include <stdio.h>
#include <stdlib.h>
#include <string.h>

#define MAX_LINE_LENGTH 1024

int main() {
    FILE *input_file = fopen("input.txt", "r");
    FILE *output_file = fopen("error_log.txt", "w");
    char line[MAX_LINE_LENGTH];

    if (input_file == NULL) {
        printf("Error: Failed to open input file\n");
        exit(1);
    }

    if (output_file == NULL) {
        printf("Error: Failed to open output file\n");
        exit(1);
    }

    while (fgets(line, MAX_LINE_LENGTH, input_file) != NULL) {
        if (strstr(line, "error") != NULL) {
            fputs(line, output_file);
        }
    }
```

```
/tmp/YfHgnuAbpr.o
Error: Failed to open input file
```

C Online Compiler

main.c

Run

Output

```c
#include <stdio.h>
#include <stdlib.h>
#include <string.h>

int main()
{
    FILE* ptr;
    char ch;

    ptr = fopen("test.txt", "r");

    if (NULL == ptr) {
        printf("file can't be opened \n");
    }

    printf("content of this file are \n");

    do {
        ch = fgetc(ptr);
        printf("%c", ch);

    } while (ch != EOF);

    fclose(ptr);
    return 0;
}
```

```
/tmp/YfHgnuAbpr.o
file can't be opened
content of this file are
Segmentation fault
```

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Search

Programiz
C Online Compiler

main.c

Run

Output

```c
#include <stdio.h>
#include <stdlib.h>
#include <ctype.h>

#define ALPHABET_SIZE 26

int main() {

    FILE *input_file = fopen("data.txt", "r");
    if (input_file == NULL) {
        printf("Error: Failed to open input file\n");
        exit(1);
    }


    int letter_counts[ALPHABET_SIZE] = {0};


    int c;
    while ((c = fgetc(input_file)) != EOF) {
        if (isalpha(c)) {
            int index = tolower(c) - 'a';
            letter_counts[index]++;
        }
    }

```

```
/tmp/YfHgnuAbpr.o
Error: Failed to open input file
```