



main.c

```
1 #include<stdio.h>
2
3 struct emp
4 {
5     char name[10];
6     int age;
7 };
8
9 void main()
10 {
11     struct emp e;
12     FILE *p,*q;
13     p = fopen("one.txt", "a");
14     q = fopen("one.txt", "r");
15     printf("Enter Name and Age:");
16     scanf("%s %d", e.name, &e.age);
17     fprintf(p,"%s %d", e.name, e.age);
18     fclose(p);
19     do
20     {
21         fscanf(q,"%s %d", e.name, e.age);
22         printf("%s %d", e.name, e.age);
23     }
24     while(!feof(q));
25 }
```



Output

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





main.c

```
1 #include <stdio.h>
2 #include <stdlib.h>
3
4 #define MAX_DATA_SIZE 1024
5
6 int main() {
7     FILE *data_file = fopen("data.bin", "rb");
8     if (data_file == NULL) {
9         printf("Error: Failed to open data file\n");
10        exit(1);
11    }
12
13
14    fseek(data_file, 0L, SEEK_END);
15    int file_size = ftell(data_file);
16    fseek(data_file, 0L, SEEK_SET);
17
18
19    char *data = malloc(sizeof(char) * file_size);
20    if (data == NULL) {
21        printf("Error: Failed to allocate memory for data\n");
22        fclose(data_file);
23        exit(1);
24    }
25
26
27    int bytes_read = fread(data, sizeof(char), file_size, data_file);
```

Run

Output

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

main.c

```
1 #include <stdio.h>
2 #include <stdlib.h>
3 #include <string.h>
4
5 #define MAX_LINE_LENGTH 1024
6
7 int main() {
8     FILE *input_file = fopen("input.txt", "r");
9     FILE *output_file = fopen("error_log.txt", "w");
10    char line[MAX_LINE_LENGTH];
11
12    if (input_file == NULL) {
13        printf("Error: Failed to open input file\n");
14        exit(1);
15    }
16
17    if (output_file == NULL) {
18        printf("Error: Failed to open output file\n");
19        exit(1);
20    }
21
22    while (fgets(line, MAX_LINE_LENGTH, input_file) != NULL) {
23        if (strstr(line, "error") != NULL) {
24            fputs(line, output_file);
25        }
26    }
27}
```

Run

Output

/tmp/YfHgNuAbpr.o
Error: Failed to open input file

28°C
Partly cloudy

Search

main.c

```
1 #include <stdio.h>
2 #include <stdlib.h>
3 #include <string.h>
4
5 int main()
6 {
7     FILE* ptr;
8     char ch;
9
10    ptr = fopen("test.txt", "r");
11
12    if (NULL == ptr) {
13        printf("file can't be opened \n");
14    }
15
16    printf("content of this file are \n");
17
18    do {
19        ch = fgetc(ptr);
20        printf("%c", ch);
21    } while (ch != EOF);
22
23    fclose(ptr);
24    return 0;
25 }
26 }
```

Run

Output

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


main.c

```
1 #include <stdio.h>
2 #include <stdlib.h>
3 #include <ctype.h>
4
5 #define ALPHABET_SIZE 26
6
7 int main() {
8
9     FILE *input_file = fopen("data.txt", "r");
10    if (input_file == NULL) {
11        printf("Error: Failed to open input file\n");
12        exit(1);
13    }
14
15
16    int letter_counts[ALPHABET_SIZE] = {0};
17
18
19    int c;
20    while ((c = fgetc(input_file)) != EOF) {
21        if (isalpha(c)) {
22            int index = tolower(c) - 'a';
23            letter_counts[index]++;
24        }
25    }
26
27 }
```

Run

Output

/tmp/YfHgNuAbpr.o
Error: Failed to open input file