

```
1  #include <stdio.h>
2
3  int main(){
4      int a[] = {1, 3, 5, 7, 43};
5      FILE* stream = fopen("mydata.txt", "w");
6      if(stream == NULL){
7          fprintf(stderr, "Could not open file. Aborting!\n");
8          return 1;
9      }
10
11     for(size_t i = 0; i < 5; i++){
12         fprintf(stream, "%d\t", a[i]);
13     }
14     fprintf(stream, "\n");
15     fprintf(stream, "Yay, a new file has been created!\n");
16
17     fclose(stream);
18
19     int b[5];
20
21     stream = fopen("mydata.txt", "r");
22
23     for(size_t i = 0; i < 5; i++){
24         fscanf(stream, "%d", &b[i]);
25     }
26
27     fclose(stream);
28
29     for(size_t i = 0; i < 5; i++){
30         printf("%d\t", b[i]);
31     }
32     printf("\n");
33
34
35     return 0;
36 }
```