

```
1  /*@author Michał Pawłowski*/
2
3  #define _CRT_SECURE_NO_WARNINGS
4
5  #include <stdio.h>
6  #include <stdlib.h>
7  #include <stdbool.h>
8  #include <string.h>
9
10 int main(int argc, char* argv[]) {
11
12     int nr;
13
14     printf("FizzBuzz v1.0\n");
15     printf("Do ilu gramy? : ");
16     scanf("%d", &nr);
17
18     FILE* out;
19     out = fopen("FizzBuzz.txt", "w");
20
21     if (out) {
22
23         for (unsigned int i = 1; i <= nr; i++) {
24             if (i % 15 == 0) {
25                 printf("FizzBuzz\n");
26                 fprintf(out, "FizzBuzz\n");
27             }
28             else if (i % 3 == 0) {
29                 printf("Fizz\n");
30                 fprintf(out, "Fizz\n");
31             }
32             else if (i % 5 == 0) {
33                 printf("Buzz\n");
34                 fprintf(out, "Buzz\n");
35             }
36             else {
37                 printf("%u\n", i);
38                 fprintf(out, "%d\n", i);
39             }
40         }
41
42         fclose(out);
43     }
44
45     else {
46
47         FILE* error;
48         error = fopen("errors.txt", "w");
49
50         fprintf(error, "Warning: Coudn't create output file");
51         fprintf(stderr, "Warning: Coudn't create output file");
52
53         fclose(error);
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54     }  
55     return 0;  
56  
57 }
```