

```
1: #include <stdio.h>
2: #include <string.h>
3: #include <stdlib.h>
4:
5: int main(int argc, char** argv) {
6:     int i;
7:     long nr;
8:     char buffer[7];
9:     char* ret = fgets(buffer, 7, stdin);
10:
11:     while (strncmp(buffer, "END\n", 7) != 0) {
12:         for (i = 6; i >= 0; i--) {
13:             if (buffer[i] != '0' && buffer[i] != '\0' && buffer[i] != '\n') {
14:                 buffer[i] = buffer[i] - 1;
15:                 break;
16:             }
17:         }
18:         nr = strtol(buffer, NULL, 10);
19:         printf("%ld\n", nr);
20:         memset(buffer, 0, 7);
21:         ret = fgets(buffer, 7, stdin);
22:         if (ret == NULL) {
23:             /*NOTHING*/
24:         }
25:     }
26:     return 0;
27: }
28:
```