```cpp
 1: // Copyright 2022 Matthew Lorette Anaya
 2:
 3: #include "RandWriter.h"
 4: #include <fstream>
 5:
 6: int main(int argc, char *argv[]) {
 7:     if (argc != 3) {
 8:         std::cerr << "Usage: ./TextWriter k L < input.txt" << std::endl;
 9:         exit(-1);
10:     }
11:     int k = std::atoi(argv[1]);
12:     int L = std::atoi(argv[2]);
13:
14:     int count = 0;
15:     int length = 0;
16:     std::string input;
17:     std::string output;
18:
19:     // read input line by line and generate pseudo-random text
20:     while (std::getline(std::cin, input) && count < L) {
21:         if (input.length() > static_cast<unsigned int>(k)) {
22:             try {
23:                 RandWriter rw(input, k);
24:                 if (static_cast<int>(input.length()) > L) {
25:                     length = L;
26:                 } else if (static_cast<int>(input.length()) + count > L)
{
27:                     length = L - count;
28:                 } else {
29:                     length = input.length();
30:                 }
31:                 output = rw.generate(input.substr(0, k), length);
32:                 count += output.length();
33:                 std::cout << output << std::endl;
34:             }
35:             catch (std::invalid_argument err) {
36:                 std::cerr << err.what() << std::endl;
37:                 exit(-1);
38:             }
39:             catch (std::runtime_error err) {
40:                 std::cerr << err.what() << std::endl;
41:                 exit(-1);
42:             }
43:         }
44:     }
45:
46:     return 0;
47: }
```