

```
1: // Copyright 2023 Thomas O'Connor
2: #include "RandWriter.hpp"
3:
4: int main(int argc, char* argv[]) {
5:     // Command-line arguments
6:     int k = atoi(argv[1]);
7:     int l = atoi(argv[2]);
8:
9:     // get all lines of reference text
10:    string line, refrenceText;
11:    while (std::getline(std::cin, line))
12:        refrenceText.append(line);
13:
14:    // create the RandWriter object
15:    RandWriter item(refrenceText, k);
16:
17:    // output the internal state of the Markov model
18:    // cout << item;
19:
20:    // generate an L sized output of text
21:    cout << item.generate(refrenceText.substr(0, k), l);
22:
23:    return 0;
24: }
```