User Manual

# Assignment 1: Random Sentence Generator

**Topics:**

UNIX, command line, Makefile, compilation process, STL map, recursion.

## How to Run the Code:

To run and test my solution to Assignment-1, please run the following commands at the terminal:

$ cd Assignment\_1

$ cd assn-1-rsg

$ make

$./rsg-sample-linux ./assn-1-rsg-data/grammarFileName

where grammarFileName is a file from the folder assn-1-rsg-data. For example, to test the grammar file poem.g, please type:

./rsg-sample-linux ./assn-1-rsg-data/poem.g

The output would be 3 random expansion of the pertaining grammar, for instance:

Version #1: ---------------------------

The waves die warily tonight.

Version #2: ---------------------------

The waves sigh warily tonight.

Version #3: ---------------------------

The big yellow flowers portend like waves tonight.

**Assignment 2: Six Degrees of Kevin Bacon**

**Topics:**

**How to Run the Code:**

to compile and run the solution, please type the following commands on the terminal:

$ cd Assignment\_1

$ cd assn-2-six-degrees

$ make

$ ./six-degrees

Once ran, the program executes a test that I have written to examine the class and its functions. The test does the following:

1. makes and imdb class
2. extracts and prints out the number of actors and movies
3. asks the user how many actors and movie names they want to know, and prints them.