Testing Project 2

To run your program for this project, you need to specify the task number through command line arguments. For example, to run task 3:

```
$ ./a.out 3
```

Your program should read the input grammar from standard input. To read the input grammar from a text file, you can redirect standard input:

```
$ ./a.out 3 < test.txt
```

For this project we use 5 expected files per each test case input. For an input file named `test.txt`, the expected files are `test.txt.expected1`, ..., `test.txt.expected5` corresponding to tasks 1 through 5.

The test script `test_p2.sh`, provided with project material, takes one command line argument indicating the task number to use. So for example to test your program against all test cases for task 2, use the following command:

```
$ ./test_p2.sh 2
```

To test your program against all test cases for all tasks, you need to run the test script 5 times:

```
$ ./test_p2.sh 1
$ ./test_p2.sh 2
$ ./test_p2.sh 3
$ ./test_p2.sh 4
$ ./test_p2.sh 5
```