

CSCE4123 Assignment 3

General Instructions:

1. Follow the instructions on assignment 1
2. Again, use a single report for all questions, submit using the provided link. Then submit the source code tarball/zip on blackboard. Each question should consist a single text file inside the package. Also, make sure to show the screen shot from SPOJ

Assignment tasks:

1. Task problem <https://www.spoj.com/problems/NAJPF/>
 - a. You can implement it using standard library functions like C++ string::find, Java String indexOf() or python String find(), etc.
2. Task problem <https://www.spoj.com/problems/NAJPF/>
 - a. You must implement it using your own implementation of one of the algorithms we introduced. You can choose one from: 1. KMP (suggested), 2. Boyer–Moore (suggested), 3. Horspool, 4. Sunday.
3. Task problem <https://www.spoj.com/problems/ADAJOBS/>
 - a. You can use existing functions in standard library.
 - b. Hint: there are more than one way to solve this problem. String find would be useful but a hashmap (unordered_map in C++) may also help.