**CS311 Yoshii HW1P3- Matrix (based on Notes-3A)**

**DUE: Week 4 Wednesday (this one is due early and no late work is allowed!)**

**You shall not email me to submit HW**

**TOTAL: 7 pts Your score is:**

**Your name:Salma Rashed**

**Date turned in:2/15/2022**

**PROGRAM: Matrix and File I/O [7]**

**=============================================================**

**Correctness:**

**Test results (always required):**

**Total 5 points:**

**Qs 2 points:**

**State of your program: [2]**

**Does it compile? If not explain:Yes**

**Does it run without errors? If not explain: without any errors**

**This program will help you learn to read from an input file into a matrix of vectors**

**and outputs the content to a file.**

**By doing this assignment, you will learn not just matrices but also how to input from and output to a file, and how to pass a stream to a function.**

**This is useful for storing grammar rules in classes such as CS421.**

**For example, a grammar rule might be**

**a -> b e d**

**Look at the file mat.cpp I have provided. Study it carefully. Be sure to read @@read-me.**

Run **my mat.out** with **lines.txt** as the input file to see how your program should work.

Record test results into **Test.txt.**

**SUBMIT THESE 4 FILES:**

**This assignment sheet**

1. **1. mat.cpp**
2. **2. Test.txt script of compilation and test results (one run) REQUIRED!**
3. **3. Table.txt the output file**