Lab Assignment Week 06

CSC 3320 – System-level Programming

Thursday, February 19th, 2026

Introduction

Welcome to the sixth programming lab of CSC 3320! Today, we will be covering the following topics:

1. Loops

Lab Policies

- Attendance is mandatory.
- Labs must be completed **individually.**
- TAs are here to help you. Ask them for help!
- Lab assignments are due at midnight on the day of your lab.

Deliverables:

1. The C Code for your program. (.c file).
   C Files
      a. lastname_firstname_filename.c
      b. For example, **turing_alan_passwordModifier.c**

2. A screenshot of the output in the Terminal.
   Screenshots
      a. lastname_firstname_filename.png
      b. For example, **turing_alan_ passwordModifier.png**

If you have any questions, please do not hesitate to ask your TA.

Program: passwordModifier.c

Many user-created passwords are simple and easy to guess. Write a program that takes a simple password and makes it stronger by replacing characters using the key below, and by appending "!" to the end of the input string. You may assume that the string does not contain spaces and will always contain less than 50 characters.

- i becomes 1
- a becomes @
- m becomes M
- B becomes 8
- s becomes $

Ex: If the input is:

```
mypassword
```

the output is:

```
Myp@$$word!
```