This assignment purpose is to warm up your Python and Bash skills to create scripts that automate common cybersecurity tasks. You will demonstrate your skills in using scripting fundamentals, such as conditional statements, loops, etc. that was covered in Week 3’s PowerPoint.

To receive full credit, ensure your scripts are properly cited at the top and commented throughout. Include screenshots of your script outputs where requested in the lab instructions.

**Please include your Microsoft Learn Transcript at the bottom of this assignment.**

**NOTE:** Be sure that you change your script’s file extension to .txt so it will be accepted by BrightSpace.

**Submission Requirements:**

* Submit the following through Brightspace:
  + The Python script files
  + The Bash script files
  + The Assignment 3 document (**this document**) with all required screenshots.

**Python #1 - Brute-Force Detection Script Output Screenshot**

**A screenshot of a computer

Description automatically generated**

**Python #2. Password Strength Checker Script Output Screenshot**

**A screenshot of a computer

Description automatically generated**

**A black screen with a black background

Description automatically generated**

**A screen shot of a computer program

Description automatically generated**

**A screen shot of a computer program

Description automatically generatedA black screen with a black background

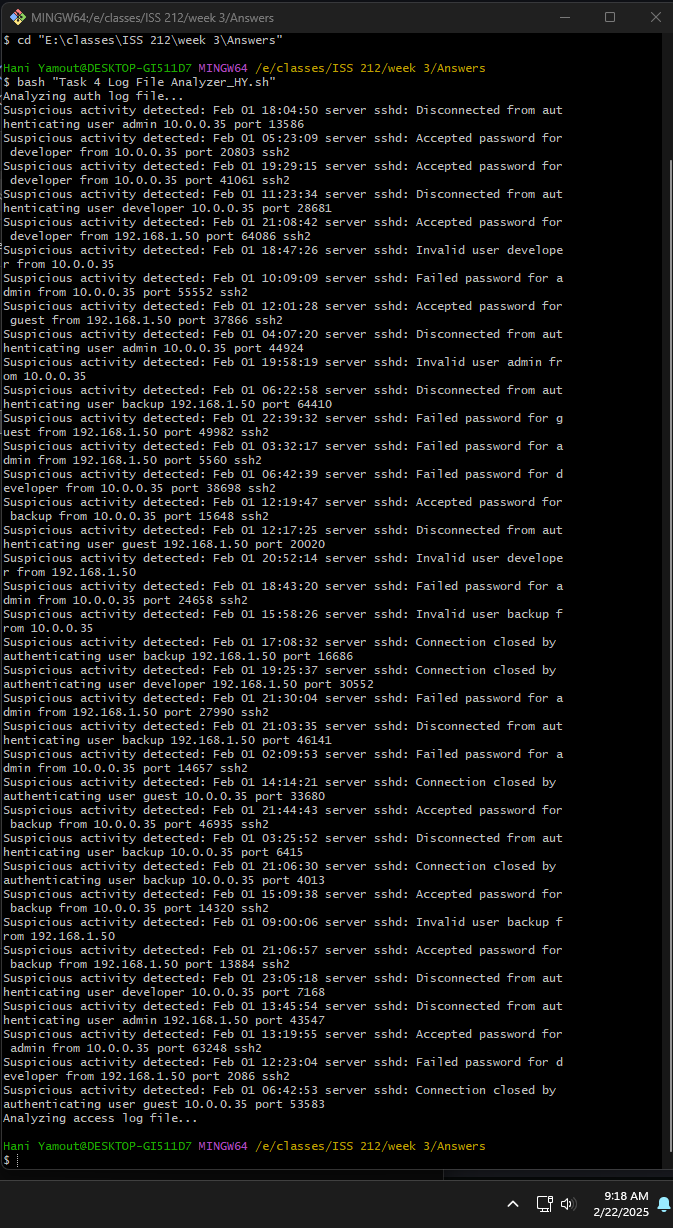
Description automatically generated with medium confidence**

**Python #3. Log File Analyzer Script Output Screenshot**

**A screenshot of a computer

Description automatically generated**

**Bash #1. SSH Brute-Force Log Analysis Script Output Screenshot**

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**Bash #2. File Permission Script Output Screenshot**

**A computer screen shot of a program

Description automatically generated**

**Bash #3. Port Scanner Script Output Screenshot**

**A computer screen shot of a black screen

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**MS Learn Transcript (GitHub Primer completed)**

A screenshot of a computer

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