

Lab 9 – String Manipulations

SUBMIT original code in Python to solve the problem below.

Please be aware that copying and pasting code from any other source other than code you have explicitly written on your own is considered plagiarism. If you receive help, that is fine (document help in the comments of your code) however you need to write your own code, name your own variables, and comment your own code. Students turning in the exact same work as another student will all be given zeros. Plagiarism is not tolerated, and students found to be plagiarizing will be given a zero and reported to the University with the possibility of termination of the class and degree program.

Write a program that will verify that a password has the required characters. Password Requirement:

- Must be at least 9 characters
- Must include an upper and lower case letter
- Must include at least one number
- Must include at least one of the following special characters: #, !, \$, _

The user will be prompted to enter a password then a message will be sent whether the password was accepted or rejected.

Input Example 1:

Password: *hello*

Output Example 1:

Invalid Password

Input Example 2:

Password: *Hel!0w0rld*

Output Example 2:

Valid Password

Save your program as **Lab9.py** and upload just your source file to the appropriate dropbox in GradeScope, **NOT D2L!**

REMEMBER

- Include the comment heading at the top of your code.
 - # Program Name: Lab1.py (use the name the program is saved as)
 - # Course: IT1114/Section XXX
 - # Student Name: John Doe
 - # Assignment Number: Lab#

- # Due Date: xx/xx/ 20XX
 - # Purpose: What does the program do (in a few sentences)?
 - # List specific resources used to complete the assignment.
- Place comments within your code explaining the programming segments