

**NAME:**

**ALPHA:**

**SY485J: Lab 5: Can you break authentication**

Go to <http://courses.cyber.usna.edu/~debels/SY485J/Code/Lab5>. There you will find 3 files, p2, p3, and p4. Each is an executable. Answer the following questions based on the files. This lab is **due October 4, 2019 by 0855**.

1. (20 points) For p2, explain what the file is doing – specifically what operations is it doing to authenticate a user.
  
  
  
  
  
  
  
  
  
  
2. (30 points) For p2, what password did you give it in order to correctly authenticate?
  
  
  
  
  
  
  
  
  
  
3. (20 points) For p3, explain what the file is doing – specifically what operations is it doing to authenticate a user.
  
  
  
  
  
  
  
  
  
  
4. (30 points) For p3, what password did you give it in order to correctly authenticate?
  
  
  
  
  
  
  
  
  
  
5. (15 points Extra Credit!): What exactly is p4 doing and what password did you give it to successfully authenticate?