OBJECTIVES

Students should be able to:

- Write a program that asks the user to guess the password using a while loop

YOUR TASK (INDEPENDENT WORK)

Version 1:

Write a program that asks the user for the password.

- Print(""Welcome to guess my password")
- The Password should initially be set to "hunter"
- It keeps asking them for the password until they get it correct.
- For correct password it should say "Correct! You may enter...."
- And then it ends the program

Version 2:

- Modify Version 1 so that the User gets only 3 chances.
- If the user uses up their 3 chances, stick them in a different WHILE loop that keeps printing "ACCOUNT LOCKED"

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HINTS:  |

Use a variable to keep track of the number of guesses.

You're going to need to use an AND boolean
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Sample Solution

Holistic Grading

Skills AND CONCEPTS ASSESSED

Students should be able to:

- Show their understanding of variables (create a variable to store the user's guess and a variab to keep track of the # of attempts.
- Show their understanding of getting and displaying information(concatenate)
- Show their understanding of while loops and conditions

level 4: There is extensive evidence of student understanding of the above-assessed skills: the code worksfor version 1 and 2 and produces the correct result.

Level 3: There is convincing evidence of student understanding of the above-assessed skills: the code works for version 1 and produces the correct result, but it produces some errors for version 2. For example, the code does not use another while and conditions loop to display "ACCOUNT LOCKED"

Level 2: There is limited evidence of student understanding of the above-assessed skills: the code is mainly correct for version 1 but the program does not work for version 2 due to one or two conceptual errors (misuse of variables and/or WHILE Loops with conditions)

Level 1: There is no evidence of student understanding of the above-assessed skills: the code has many conceptual and syntax errors