CS1400: Name Guesser

Some Story ideas

- You sit down to eat your favorite candy bar when you notice that the person next to you also holds your favorite candy bar. You want their candy bar and decide to propose a challenge to the stranger. If the stranger can guess your name in 3 tries, you will give him/her your candy bar, otherwise, you get their candy bar. Since you have a unique name you are fairly sure you will win.

- You made a deal with a strange little man for his help in turning straw to gold. Now he is coming for your firstborn child. He will go away if you can guess his name. You get three chances. (Rumpelstiltskin by Brothers Grimm)

- You need a magic axe to cut hair that has been cursed to keep growing. You get three chances to guess the name of the man holding the axe or he will kill a friend of yours. (The 10th Kingdom)

Be creative and come up with your own story!

Assignment

Write a function that asks the user to enter a name up to 3 times. Check if that name is the correct one. If it is you print congratulations with the name and your last name (For example: Rumplestiltskin Stander) and return True from the function. If not then you should print out a unique message that gets more threatening each time you guess. If the user fails to guess the name, print out a suitable message and return False.

Additional Documentation

- The 10th Kingdom
- Rumplestiltskin

Potential Sessions

Sample 1

Welcome to the name guesser. In this challenge you have three chances to guess my name. If you should guess my name, a reward will be in store. However, if you fail to guess my name, bad things will happen to you.

Enter guess #1: Johnathan
One try down, two to go.
Enter guess #2: Milton
Two down, only one to go.
Enter guess #3: William
You failed to guess my name. Bad things will now happen to you.

Sample 2

Welcome to the name guesser. In this challenge you have three chances to guess my name. If you should guess my name, a reward will be in store. However, if you fail to guess my name, bad things will happen to you.

Enter guess #1: Emma
One try down, two to go.
Enter guess #2: Judy
You guessed it! My name is Judy Stander

Sample 3

Welcome to the name guesser. In this challenge you have three chances to guess my name. If you should guess my name, a reward will be in store. However, if you fail to guess my name, bad things will happen to you.

Enter guess #1: Johnathan
You're close, only two to go.
Enter guess #2: Milton
You're getting warmer. Only one to go.
Enter guess #3: William
Congratulations! Your name is William Stander
Welcome to the name guesser. In this challenge you have three chances to guess my name. If you should guess my name, a reward will be in store. However, if you fail to guess my name, bad things will happen to you.

Enter guess #1: Rumplestiltskin
You guessed it! My name is Rumplestiltskin Stander

Show Off Your Work

To receive credit for this assignment, you must show your source code and demonstrate your running program.

Ask your instructor who they would like you to show the assignment to.