

Knock Knock

9/30/2022

95/100 Points

Attempt 1

Review Feedback
9/30/2022Attempt 1 Score:
95/100

View Feedback

Anonymous Grading: no

Unlimited Attempts Allowed
12/9/2022

Details

Overview

Create a version of the famous "Hello World" project - with a twist. Write a program that asks the user's name, greets the user by name, and tells a knock-knock joke.

Purpose

The purpose of this lab is to get you acquainted with programming in general, and Python in particular. The program itself is not complex, but there are many factors to writing it successfully:

- creating an account on PythonAnywher
- editing your program
- testing and debugging
- running your program
- downloading a copy
- turning it in

You will not need to install Python on your own system. PythonAnywhere should be sufficient for all of our needs. But if you wish, you can install python locally. You can talk to your peer leader about the details, as they vary a bit by operating system.

The Program

The program itself will be trivially simple. Following is a sample transcript (User input is in

blue for this example, but your program will not need to do that.)

```
Hi, What's your name?  
Andy  
Here's a joke, Andy:  
Knock knock  
who's there?  
Luke  
Luke who?  
Luke through the keyhole and you'll find out!
```

A suitable version of the program will do the following:

- Ask the user his or her name
- Repeat the user's name in a greeting
- Engage in an 'interactive' knock knock joke
- Take input for the user's part of the joke, but you don't really have to do anything with the information.

The program will require the following elements:

- Appropriate documentation. While you're beginning, describe what every single line does BEFORE you write it. Later you will not need to have such detailed documentation.
- A variable (or perhaps more)
- Several input statements
- Several output statements
- Formatted printing with variables embedded into text


Turning it in

Please submit the .py file as an attachment here in canvas.

In Pythonanywhere, go to the list of files and you'll see a download link. **RIGHT CLICK** on this link to see an option to save your file to the desktop.

Blackbelt extension

Do anything you want to spruce up the joke. Maybe tell multiple jokes, check user input, do something more interesting with the user input, add a loop and a menu, or whatever else you want. Remember to do your blackbelt as a separate file, and you may not start the black belt version if you haven't finished the main assignment. Recitation leaders will focus on standard assignments before helping people with blackbelt extensions. The point of a blackbelt is to see how you can push yourself a little beyond the requirements if you are ready to do so.

File Name		Size	
	Knock Kno...ckBelt.py	2.97 KB	✓
	Knock Knock.py	678 Bytes	✓