Weekly challenge 1
Graded Quiz • 50 min

Congratulations! You passed! Get started with the course Introduction to Python Go to next item **To pass** 80% or received Week Meek Mallenge 1 higher programming in cybersecurity **Core Python components** Quiz • 50 min Conditional and iterative statements **Review Learning Objectives Review: Introduction to Python** 1. Fill in the blank: Automation is _____. 1/1 point Video: Wrap-up the use of unanand manual effort to reduce technological power consumption Reading: Glossary terms from week Try again the combination of technology and manual effort to complete a task the replacement of existing technology Quiz: Weekly challenge 1 the use of technology to reduce human and manual effort to perform common and repetitive tasks **Receive grade** 10 questions Your grade View Feedback 90% ✓ Correct To Pass 80% or higher We keep your highest score 2. What is the syntax problem in the following code? Like J Dislike Report an issue 1/1 point if username == "aestrada": print("username found") O The line with if username == "aestrada": is not indented. O Both lines are not indented. The line with print ("username found") is not indented. The first line should be indented one space, and the second line should be indented two spaces. **⊘** Correct 3. What data type requires quotation marks (" ")? 1/1 point String O Integer OBoolean ○ Float **⊘** Correct **4.** Which data type always has a value of either **True** or **False**? 1/1 point O List String Boolean O Float **⊘** Correct 5. What are the variables in the following code? Select all that apply. 1/1 point username = "kcarter" attempts = 5 print(username) print(attempts) print("locked") attempts **⊘** Correct ✓ username **⊘** Correct ulocked" ___ "kcarter" **6.** What code can you use to return the data type of the value stored in the **input** variable? 1/1 point type("string") print(input) type(input) print("type") **⊘** Correct 7. You are checking whether the string stored in a device_id variable matches to the correct device ID, the string "15hgu3769". When it matches, you want to print, "Login successful!". Which conditional statement has the correct syntax needed to do this? O if device_id != "15hgu3769" print("Login successful!") O if "device_id" = "15hgu3769" print("Login successful!") if device_id == "15hgu3769": print("Login successful!") if "device_id == 15hgu3769" print("Login successful!") **⊘** Correct 8. You wrote the following code: 1/1 point if attempts >= 5: print("locked") print("try again") If the value in the attempts variable is 3, what will Python do? First output the message "try again" and then output the message "locked" Output the message "locked" First output the message "locked" and then output the message "try again" Output the message "try again" **⊘** Correct 9. What will this iterative statement do? 0 / 1 point for i in [0, 5]: print(i) Output the integer 0 Output the integers 0, 1, 2, 3, and 4 Output the integers 0, 1, 2, 3, 4, and 5 Output the integers 0 and 5 igotimes Incorrect Please review the video on for loops [4]. **10.** How many times will the following code print the "warning" message? 1/1 point count = 1 while count < 5: print("warning") count = count + 1 4 0 O 5 O 1 **⊘** Correct

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