TO PASS 80% or higher

Practice Quiz: Conditionals

TOTAL POINTS 5

1.	What's the value of this Python expression: (2**2) == 4? 4 2**2	1/1 point
	True False	
	Correct You nailed it! The conditional operator == checks if two values are equal. The result of that operation is a boolean: either True or False.	
2.	Complete the script by filling in the missing parts. The function receives a name, then returns a greeting based on whether or not that name is "Taylor".	1/1 point
	<pre>1 * def greeting(name): 2 * if name == "Taylor": 3 return "Welcome back Taylor!" 4 * else: 5 return "Hello there, " + name 6 7 print(greeting("Taylor")) 8 print(greeting("John"))</pre> Reset	
	✓ Correct Great work! You're getting the hang of conditionals in Python.	
3.	<pre>What's the output of this code if number equals 10? 1 * if number > 11:</pre>	1 / 1 point
	2	
	Correct Right on! Our number is 10, which is smaller than 12, so it matches that condition.	

 Is "A dog" smaller or larger than "A mouse"? Is 9999+8888 smaller or larger than 100*100? Replace the plus sign in the following code to let Python check it for you and then answer. 1 / 1 point

1 print("A dog" > "A mouse") 2 print(9999+8888 > 100*100)	Run Reset
"A dog" is larger than "A mouse" and 9999+8888 is larger than 100*100 (a) "A dog" is smaller than "A mouse" and 9999+8888 is larger than 100*100	
"A dog" is larger than "A mouse" and 9999+8888 is smaller than 100*100	
— "A dog" is smaller than "A mouse" and 9999+8888 is smaller than 100*100	
✓ Correct You got it! Keep getting Python to do the work for you.	

5. If a filesystem has a block size of 4096 bytes, this means that a file comprised of only one byte will still use 4096 bytes of storage. A file made up of 4097 bytes will use 4096*2=8192 bytes of storage. Knowing this, can you fill in the gaps in the calculate_storage function below, which calculates the total number of bytes needed to store a file of a given size?

1 / 1 poin

✓ Correct

Awesome! Those were some complicated calculations that you needed to do, but you did it!