Congratulations! You passed!

 $\textbf{Grade received} \ 100\% \quad \textbf{To pass} \ 80\% \ \text{or higher}$

Go to next item

What's the value of this Python expression: $(2^{**}2) == 4$?	1/1 point
O 4	
O 2**2	
● 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.	
 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):</pre>	
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")) Reset	
Welcome back Taylor! Hello there, John	
⊘ Correct	
Great work! You're getting the hang of conditionals in Python.	
What's the output of this code if number equals 10?	1/1 point
1 if number > 11: 2 print(0) 3 elif number!= 10: 4 print(1)	
5 elif number >= 20 or number < 12: 6 print(2)	
7 else: 8 print(3)	
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 with a comparison operator in the following code to let Python check it for you and then answer. The result should return True if the correct comparison operator is used.	1/1 point
1 print("A dog" < "A mouse")	
2 print(9999+8888 > 100*100) Run Reset	
True True	
O "A dog" is larger than "A mouse" and 9999+8888 is larger than 100*100	
"A dog" is smaller than "A mouse" and 9999+8888 is larger than 100*100	
O "A dog" is larger than "A mouse" and 9999+8888 is smaller than 100*100	
O "A dog" is smaller than "A mouse" and 9999+8888 is smaller than 100*100	

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?

You got it! Keep getting Python to do the work for you.

1/1 point

```
def calculate_storage(filesize):
block_size = 4096
disck_size = 4096
```

⊘ Correct

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