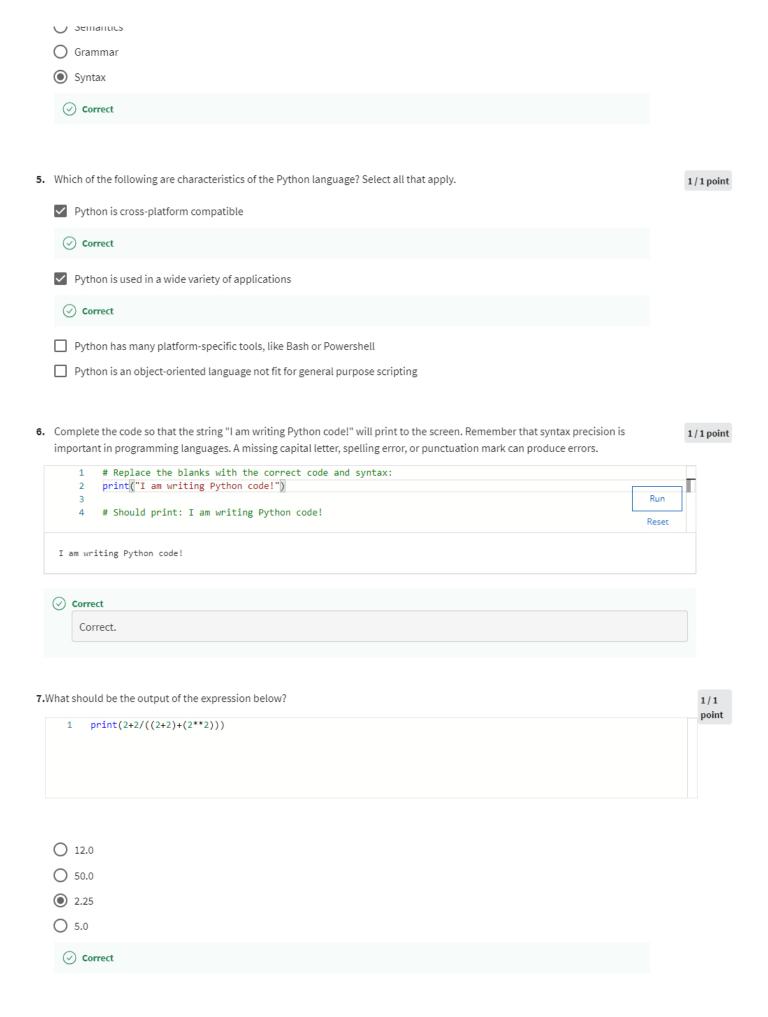
Comontino

Congratulations! You passed!

Grade received 100% Latest Submission Grade 100% To pass 80% or higher

Go to next item

1.	What is a computer program?	1/1 point
	Step-by-step instructions on how to complete a set of tasks, to be executed by a computer.	
	The overview of what the computer will have to do to solve an automation problem.	
	A file that gets printed by the Python interpreter.	
	The syntax and semantics of a programming language.	
	⊘ Correct	
2.	Which of the following are true about programming languages? Select all that apply.	1/1 point
	Similar to human language, programming languages use syntax and semantics.	
	⊘ Correct	
	✓ Programming languages are used to write computer programs and scripts.	
	⊘ Correct	
	Programming languages is a synonym for pseudocode.	
	Some common programming languages include Python, Java, C, C++, C#, and R.	
	⊘ Correct	
3.	What are some of the benefits of automation? Select all that apply.	1/1 point
	☐ More cost-effective for complex, seldom-done tasks	
	✓ Consistency	
	⊘ Correct	
	☐ Can accomplish creative tasks	
	✓ Doesn't get tired	
	⊘ Correct	
4.	What is the term for the set of rules for how statements are constructed in a programming language?	1/1 point
	O Format	



the result to the screen. Note: Your result should be in the format of just a number, not a sentence.



9. The market is six miles away from your home. The school is two miles away from your home. Use Python to calculate how much further the market is from your home than the school (in miles). Note: Your result should be in the format of a number, not a sentence.

1/1 point

```
# Should print 4
distance_to_market_from_home = 6
distance_to_school_from_home = 2
distance_from_school_to_market = distance_to_market_from_home - distance_to_school_from_home
print(distance_from_school_to_market)
Reset
```

10. Consider this scenario about using Python to make calculations:

1/1 point

On a college campus, there are 30 computers in each of the 20 computer labs that are spread across campus. The computers have a life cycle where they are replaced every five years. One-fifth of the computers are replaced each year.

Fill in the blank to calculate the number of computers that are replaced each year by dividing the total computers by the replacement cycle. Note: Your result should be a number.

```
total_computers = 30*20
replacement_cycle = 5
computers_per_year = total_computers/replacement_cycle
print(computers_per_year) # Should print 120.0

Reset

120.0
```

