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### CS 1101 Graded-Quiz Unit 3

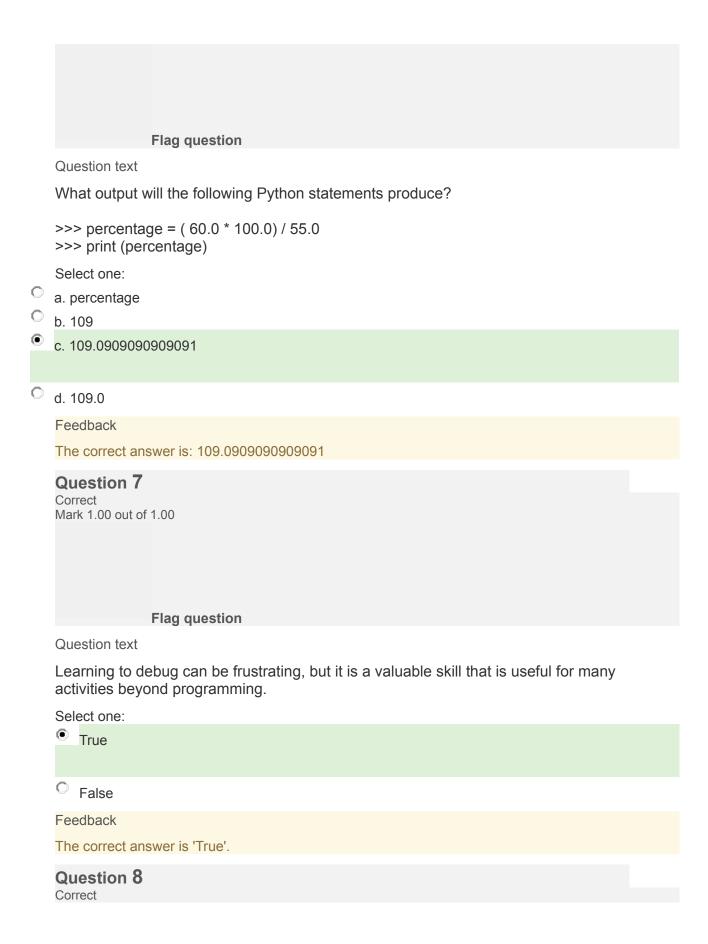
Programming Fundamentals (University of the People)

#### Graded Quiz Unit 3

	Question 1
	Correct Mark 1.00 out of 1.00
	Flag question
	Question text
	What output will the following Python statement produce?
	>>> print ((1+1)**(5-2))
	Select one:
0	a. 16
•	b. 8
0	c. 4
0	d. 2
	Feedback
	The correct answer is: 8
	Question 2
	Correct Mark 1.00 out of 1.00
	Flag question
	Question text
	What do we call the value provided to a function when the function is called (which is assigned to the corresponding <b>parameter</b> in the function)?
_	Select one:
•	a. argument
0	b. return value

c. method d. the special value None e. global variable
Feedback
Your answer is correct.
The correct answer is: argument
Question 3 Correct Mark 1.00 out of 1.00  Flag question
Question text  When a Python function is called, inside the function, the arguments are assigned to variables called <b>parameters</b> .
Select one:
• True
False
Feedback
The correct answer is 'True'.
Question 4 Correct Mark 1.00 out of 1.00  Flag question
Question text
What is the output of the following Python 3 statements?
x=2 y=1 if x == y:     print (x, "and", y, "are equal") else:

00	<pre>if x &lt; y:     print (x, "is less than", y) else:     print (x, "is greater than", y)  Select one: a. 1 and 2 are equal b. 1 is less than 2</pre>
0	c. 1 is greater than 2
-	d. 2 is greater than 1
	Feedback
	Your answer is correct.
	The correct answer is: 2 is greater than 1
	Question 5 Correct
	Mark 1.00 out of 1.00  Flag question
	Question text
	What output will the following Python statement produce?
	>>> print (2*3-1)
	Select one:
0	a. 6
	b. 5
	c. 4
0	d. 3
	Feedback
	The correct answer is: 5
	Question 6 Correct Mark 1.00 out of 1.00



	Mark 1.00 out of 1.00
	Flag question
	Question text
	What output will the following Python statement produce?
	>>> print (2 * (3-1))
	Select one:
	a. 6
	b. 5
	c. 4
)	d. 3
	Feedback
	The correct answer is: 4
	Question 9 Correct Mark 1.00 out of 1.00  Flag question
	Question text
	The % or modulus operator returns the remainder from dividing two numbers.  Select one:
	True
	C False
	Feedback
	The correct answer is 'True'.
	Question 10
	Correct Mark 1.00 out of 1.00

	Elect que etien
	Flag question
	Question text
	What output will the following Python 3 statement produce?
	>>> print (1,000,000)
	Select one:
0	a. 1.0
0	b. 1,000,000
•	c. 1 0 0
0	d. Error invalid type
	Feedback
	The correct answer is: 1 0 0
	Question 11 Correct Mark 1.00 out of 1.00  Flag question
	Question text
	A <b>program</b> is a sequence of instructions that specifies how to perform a computation.
	Select one:
	• True
	C False
	Feedback
	The correct answer is 'True'.
	Question 12
	Correct Mark 1.00 out of 1.00

not return a result.
nswer 1  ormal language
nswer 2
nswer 3
nswer 4

The meaning of a program.

Answer 5

semantics

Answer 6

syntax

Answer 7

An error in a program that makes it impossible to parse — and therefore impossible to interpret.

Answer 8

One of the basic elements of the syntactic structure of a program, analogous to a word in a natural language.

#### Feedback

The correct answer is: Any one of the languages that people have designed for specific purposes, such as representing mathematical ideas or computer programs; all programming languages are this kind of languages.  $\rightarrow$  formal language, Any one of the languages that people speak that evolved naturally.  $\rightarrow$  natural language, An error that does not occur until the program has started to execute but that prevents the program from continuing.  $\rightarrow$  runtime error, An error in a program that makes it do something other than what the programmer intended.  $\rightarrow$  semantic error, The meaning of a program.  $\rightarrow$  semantics, The structure of a program.  $\rightarrow$  syntax, An error in a program that makes it impossible to parse — and therefore impossible to interpret.  $\rightarrow$  syntax error, One of the basic elements of the syntactic structure of a program, analogous to a word in a natural language.  $\rightarrow$  token

# Question 14 Correct Mark 1.00 out of 1.00 Flag question

#### Question text

When defining a Python function that has no parameters, the parentheses that follow the function's name are optional.

Select one:

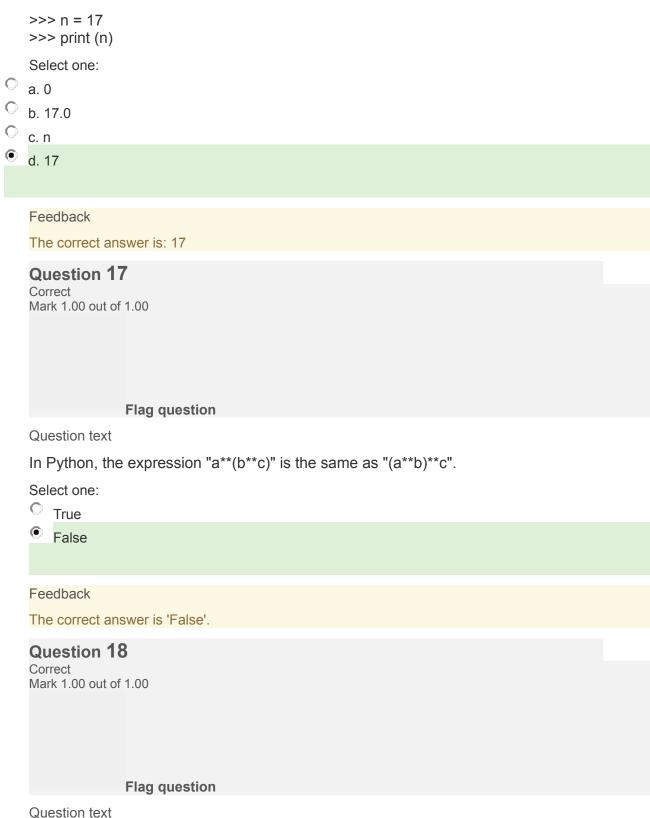
True

False

### Feedback The correct answer is 'False'. Question 15 Correct Mark 1.00 out of 1.00 Flag question Question text What is the output of the following Python statements? def recurse(a): if (a == 1): print(a) else: recurse(a) recurse(1) Select one: a. 0 b. 1 c. no output d. RuntimeError: maximum recursion depth exceeded Feedback Your answer is correct. The correct answer is: 1 Question 16 Correct Mark 1.00 out of 1.00 Flag question

Question text

What output will the following Python statements produce?



Match concepts with their definition!

concatenate Answer 1 To join two operands end-to-end. evaluate Answer 2 What the Python interpreter does to an expression to find its value. expression A combination of variables, operators, and values that represents a Answer 3 single result value. keyword Answer 4 A reserved word that is used by the interpreter to parse programs. A special symbol that represents a simple computation like addition, Answer 5 multiplication, or string concatenation. statement -Answer 6 A unit of code that the Python interpreter can execute. variable Answer 7

#### Feedback

A name that refers to a value.

The correct answer is: To join two operands end-to-end.  $\rightarrow$  concatenate, What the Python interpreter does to an expression to find its value.  $\rightarrow$  evaluate, A combination of variables, operators, and values that represents a single result value.  $\rightarrow$  expression, A reserved word that is used by the interpreter to parse programs.  $\rightarrow$  keyword, A special symbol that represents a simple computation like addition, multiplication, or string concatenation.  $\rightarrow$  operator, A unit of code that the Python interpreter can execute.  $\rightarrow$  statement, A name that refers to a value.  $\rightarrow$  variable

# Question 19 Correct Mark 1.00 out of 1.00 Flag question

#### Question text

Consider the following text from a Python interpreter.

What is the text "print" called?

	Select one:
•	a. a function
0000	b. an operator c. a prompt d. a statement e. a value Feedback Your answer is correct. The correct answer is: a function  Question 20 Correct Mark 1.00 out of 1.00
0	G. G. D. 120
•	b. '3' = 3
0	<ul> <li>c. x = int("123")</li> <li>d. y = None</li> <li>e. z = "hi" * 10</li> <li>Feedback</li> </ul>
	Your answer is correct.  The correct answer is: '3' = 3