

What is the difference between list and tuples in Python?	A list is changeable (Mutable) whereas Tuple is unchangeable (Immutable)
What is the difference between dictionary and set in Python?	<p>(1) Set will not allow duplicate elements whereas dictionary doesn't allow duplicate keys.</p> <p>(2) The syntax is not the same. Dictionaries used curly braces the first and you specify key-value pairs, where the key and value are separated by a colon (:) whereas Sets were added to the language later on, and the {...} curly brace notation only names elements, not pairs.</p>
What is the difference between list and set in Python?	<p>Sets — unordered and unindexed, and doesn't allow duplicates.</p> <p>Lists - ordered and changeable.</p>
<p>Which of the following statements is/are TRUE?</p> <p>1: Python is an interpreted, high-level, general-purpose programming language.</p> <p>2: Python provides high-level data structures along with dynamic binding and typing for Rapid Application Development and deployment.</p> <p>3: Python is a Statically typed Programming language.</p>	<p>Answer: 1,2</p>
<p>Which of the following is invalid in terms of Variable Names?</p> <p>1: _str = "Hello World!"</p> <p>2: __str = "Hello World!"</p> <p>3: _str = "Hello World!"</p>	<p>Answer: 1,2,3</p>
<p>Based on the difference between lists and tuples, which statement is TRUE?</p> <p>1: List is a sequence data structure, whereas Tuple is not.</p> <p>2: Lists are immutable; however, Tuples are mutable.</p> <p>3: Tuple is a sequence data structure, whereas List is not.</p> <p>4: Tuples are immutable; however, Lists are mutable.</p>	<p>Answer: 1, 4</p>
<p>What will be the output of the following snippet of code?</p> <pre># defining a list my_list = [1, 2, 3, 4, 5] # using the pop() function my_list.pop(2) # printing the final list print(my_list)</pre>	<p>Answer: [1,2,4,5]</p>

Who developed Python Programming Language?	Python language is designed by a Dutch programmer Guido van Rossum in the Netherlands.
Which of the following is the correct extension of the Python file?	.py
All keywords in Python are in	None of the mentioned
What will be the value of the following Python expression?	70
Which of the following characters is used to give single-line comments in Python?	#
<p>What will be the output of the following Python code snippet if x=5?</p> <pre>x = 13 value = x // 5 print(value)</pre>	2
<p>What are the values of the following Python expressions?</p> <pre>value_1 = 2 ** (3 ** 2) value_2 = (2 ** 3) ** 2 value_3 = 2 ** 3 ** 2 print(value_1, value_3, value_2)</pre>	512 512 64
Which of the following is the truncation division operator in Python?	// // is the operator for truncation division. It is called so because it returns only the integer part of the quotient, truncating the decimal part. For example: $20//3 = 6$.
Which of the following is the use of id() function in python?	Id returns the identity of the object
Which of the following is the core data type in Python programming?	List, Dictionary, Set
What will be the output of the following Python expression if x=10.23578896?	10.24
<p>What will be the output of the following Python function?</p> <pre>print(len(["Python", 10, 40, 60, [1, 2, 3, 4, [1, 2]]]))</pre>	5
What will be the output of the following Python statement?	pythoneshikhon
<p>What will be the output of the following Python code?</p> <pre>print("Python eShikhon".capitalize())</pre>	Python eshikhon
Which of the following statements is used to create an empty set in Python?	set()
To add a new element to a list we use which Python command?	list.append(50)
<p>Which of the following Python statements will result in the output: 60?</p> <pre>A = [[10, 20, 30], [40, 50, 60], [70, 80, 90]]</pre>	A[1][2]

Which of the following is a Python tuple?	(10, 20, 30)
What will be the output of the following Python code snippet? new_set = set('eShikhon Python Programming') print('a' in new_set)	True
What will be the output of the following Python code snippet? dict1 = {"Python": 40, "Java": 45} dict2 = {"Python": 466, "Java": 45} print(dict1 > dict2)	Error
What will be the output of the following Python code snippet? dict1 = {"Python": 40, "Java": 45} print(dict["Python"])	Error
What will be the output of the following Python code snippet? dict1 = {"Python": 40, "Java": 45} print(dict[" Python"])	['Python', 'Java']