Tutorials Teacher

Question 1: Which of the following is an incorrect syntax?

A `import function from module` ✔

B `from module import function`

C `import module`

D All of the above

Question 2: The value of `__name__` attribute of a module may be equal to `main` if _____ .

A it is executed from interpreter ✔

B it is imported by another script

C it is the first module in a package

D it is inside a function

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Question 4: In order to make an instance variable private should be

A prefixed by single under score

B prefixed by double under score ✔

C having single underscore before and after the name

D having double underscore before and after the name
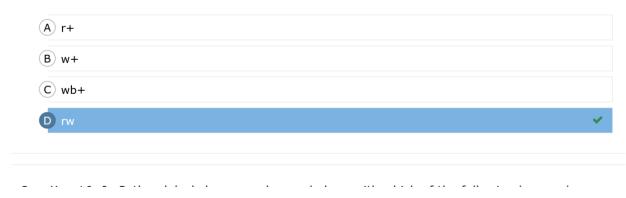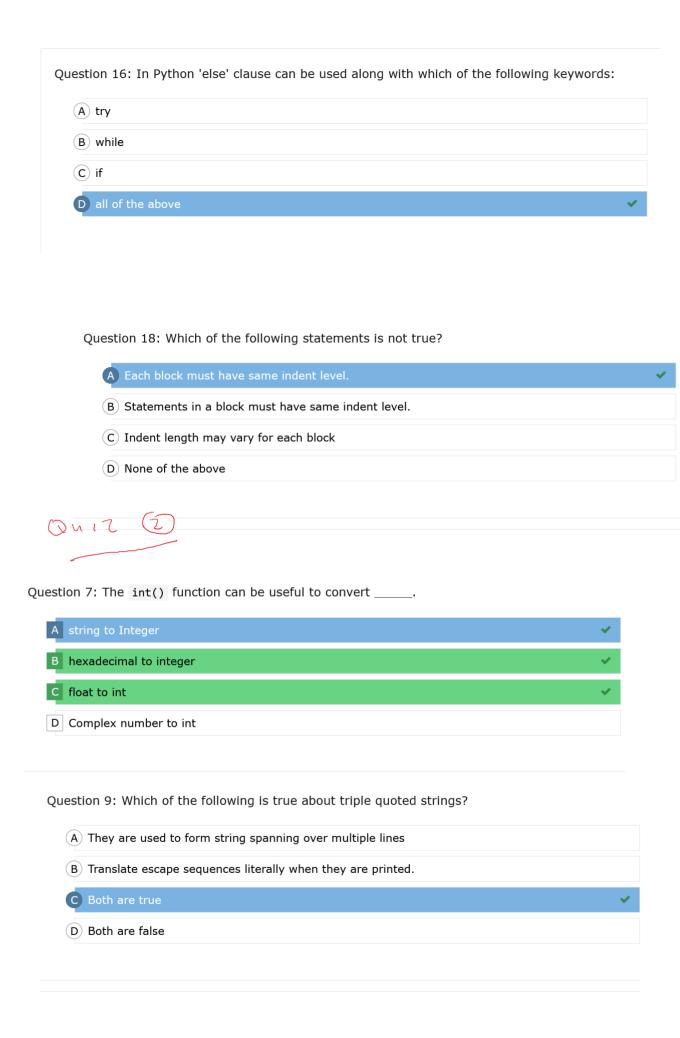
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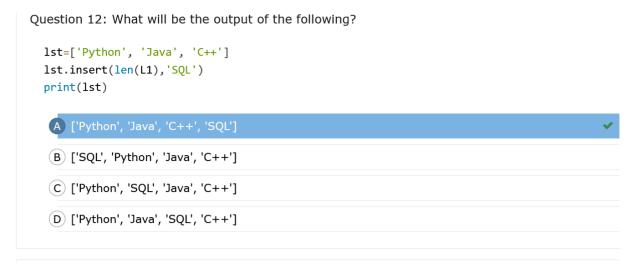Question 8: What is self?

A It is a keyword.

B It is a class attribute.

C It is reference to object which calls an instance method. ✔

D It is a built-in function in python

Question 11: What is the difference between the `range()` and `randrange()` functions?

A `range()` generates a sequence of numbers,

B `randrange()` selects one number from the range randomly

C Both A and B are true ✔

D None of the above are true

Question 13: Which of the following is not a built-in exception in Python?

A KeywordError ✔

B ImportError

C TypeError

D ValueError

Question 15: Which of the following string is not a valid aces mode for opening a file in simultaneous read/write mode?

A r+

B w+

C wb+

D rw ✔

Question 16: In Python 'else' clause can be used along with which of the following keywords:

- A try
- B while
- C if
- **D all of the above** ✔

Question 18: Which of the following statements is not true?

- **A Each block must have same indent level.** ✔
- B Statements in a block must have same indent level.
- C Indent length may vary for each block
- D None of the above

Quiz ②

Question 7: The `int()` function can be useful to convert _____.

- **A string to Integer** ✔
- **B hexadecimal to integer** ✔
- **C float to int** ✔
- D Complex number to int

Question 9: Which of the following is true about triple quoted strings?

- A They are used to form string spanning over multiple lines
- B Translate escape sequences literally when they are printed.
- **C Both are true** ✔
- D Both are false

Question 12: What will be the output of the following?

```
lst=['Python', 'Java', 'C++']
lst.insert(len(L1),'SQL')
print(lst)
```

A ['Python', 'Java', 'C++', 'SQL'] ✔

B ['SQL', 'Python', 'Java', 'C++']

C ['Python', 'SQL', 'Java', 'C++']

D ['Python', 'Java', 'SQL', 'C++']

Quiz ③

Question 2: What will be the output of the following code?

```
s1={3,4,5,6}
s2={4,5,6,7}
print(s1&s2)
```

A {3,4,5,6,7}

B {3,7}

C {4,5,6} ✔

D SyntaxError

Question 4: What will be the output of the following code?

```
a=5
b=10
a, b = b, a
print(a, b)
```

A 5 10

B 10 5 ✔

C 0 0

D SyntaxError

Question 8: If `['one', 'four', 'three', 'two']` is a list object, the `sort()` function will return:

A) ['four', 'three', 'two', 'one']

B) ['four', 'one', 'three', 'two'] ✔

C) ['one', 'two', 'three', 'four']

D) None of the above

Question 15: To delete a key value pair in dictionary, use

A del() method

B pop() method ✔

C del keyword ✔

D remove()

Qui z 4

Question 2: Which of the following statements are valid in Python?

A `>>> x, y, z = 10, 20, 30` ✔

B `>>> x, y, z = 10, 'Hello', True` ✔

C `>>> x = 10, y = 'Hello', z = True`

D `>>> x, y, z = (10, 'Hello', True)` ✘

```
>>> xx, yy, zz = (10,'Hello', True)
>>> yy
'Hello'
>>>
```

|| Note

Question 3: What will be the output of the following program?

```
x = "X"
y = "X"
print(x is y)
```

A False

B True ✔

C 0

D 1

E SyntaxError

Question 7: Which of the following is true?

A List object can contain tuple as one of the items ✖

B Tuple can contain a list as one of the items

C Both a and b are true ✔

D Both a and b are false

Question 9: What will be the output of the following code?

```
lst = [1, 2, 3, 4, 5]
print(lst[0:1]
```

A [1, 2, 3, 4, 5]

B [] ✔

C [1]

D SyntaxError

Question 10: Which of following will result in error?

A `tuple('1,2')`

B `tuple((1,2))`

C `tuple([1,2])`

D `tuple(1,2)` ✔

Question 15: What will be the output of the following code?

```
s={1,2,3 }
s[0]=10
print(s)
```

A. {10,2,3}

B. {1,2,10}

C. {1,2,3}

D. TypeError ✔

```
>>> set={2,3,4}
>>> set[0]
Traceback (most recent call last):
  File "<pyshell#10>", line 1, in <module>
    set[0]
TypeError: 'set' object is not subscriptable
>>>
```

Question 3: Which of the following symbols stores the result of the last evaluation?

A. _ ✔

B. __

C. _*

D. /

```
>>> 4+9
13
>>> _+20
33
>>>
```

NOTE
_ stores result rl last
evaluation

Question 9: What will be the output of the following code?

```
nums = {"ONE":1, "TWO":2}
print(nums["One"])
```

A. 1 ✘

B. "ONE"

C. Syntax error

D. Runtime Error ✔

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Question 11: What will be the output of the following code?

```
s = set('Hello')
print(s)
```

(A) Syntax error

(B) {'o', 'l', 'l', 'e', 'H' }

(C) {"H', 'e', 'l', 'l', 'o'}

(D) {'l', 'H', 'o', 'e'} ✓

Question 13: What will be the output of the following code?

```
>>> emp = {}
>>> type(emp)
```

(A) <class 'set'> ✗

(B) <class 'dict'> ✓

(C) <class ''>

(D) <class 'emp'>

Quiz ⑥

Question 9: In order to overload == operator, which magic method must be overridden?

(A) __comp__()

(B) __eq__() ✓

(C) __equal__() ✗

(D) __ne__()

Question 13: Which of the following keyword is used to raise an error in Python?

(A) except ✗

(B) raise ✓

(C) throw

(D) throw Except()

Question 14: What will be the output of the following code?

```python
def fn(x):
    assert x>0
    print(x)

fn(0)
```

A No output

B 0 ✖

C SyntaxError

D AssertionError ✔

Question 15: What will be the output of the following code?

```python
myset={1,2,3 }
for i in myset:
    print(i)
```

A 111

B 123 ✔

C 321

D Runtime error ✖

```
>>> myset={1,2,3}
>>> for i in myset:
        print(i)


1
2
3
>>>
```