Questions

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Q. No. 1
Question:
Python was Designed by

Answer Choices
A: Daniel Mark Lewin
B: Peter L Duetch
C: <mark>Guido van Rossum</mark>
D: Paul McArthur

Difficulty Level: Easy
Reference: Common Python Question

Answer: C

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Q. No. 2
Question:

Which of the following commands can be used to verify a python installation on a linux instance?
Answer Choices
A: ps python
B: ls python
C: <mark>which python</mark>
D: where python

Difficulty Level: Intermediate

Reference: Common Python Question

Answer: C

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Q. No. 3

Question:

The default installation path for python on a standard Fedora instance:

Answer Choices

A: /bin/python

B: /sbin/python

C: /usr/sbin/python

D: ==/usr/bin/python==

Difficulty Level: Intermediate

Reference: Common Python Question

Answer: D

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Q. No. 4

Question:

The value of b in the following example:


```
>>> a = [1,2,3,4]
>>> a
[1, 2, 3, 4]
>>> b = a.append(5)
```

```
>>> print b
```

_____

Answer Choices

A: [1,2,3]

B: [1,2,3,4]

C: [1,2,3,4,5]

D: None

Difficulty Level: Intermediate

Reference: Common Python Question

Answer: D

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Q. No. 5

Question:

The value of a in the following example is?

```
>>> a = [1,2,3,4]
>>> a = a.append(5)
>>> print a
```

_____

Answer Choices

A: [1,2,3]

B: [1,2,3,4]

C: [1,2,3,4,5]

D: None

Difficulty Level: Intermediate

Reference: Common Python Question

Answer: D

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Question:

In computer programming, _____ is the term used to describe sections of code that have to be included in many places with little or no alteration.

Answer Choices

A: shebang

B: REPL

C: boilerplate

D: header

Difficulty Level: Difficult

Reference: Common Python Question

Answer: C

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Q. No. 7

Question:

When using sys.argv - The first argument points to the

Answer Choices

A: First parameter

B: Second parameter

C: Third parameter

D: script itself

Difficulty Level: Difficult

Reference: Common Python Question

Answer: D

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Q. No. 8

Question:

When a python file is run directly, the special variable "__name__" is set to .

Answer Choices

A: "__main_void__"

B: "__void_main__"

C: "__main__"

D: "__void__"

Difficulty Level: Intermediate

Reference: Common Python Question

Answer: C

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Q. No. 9

Question:

Suppose the file "binky.py" contains a "def foo()". The fully qualified name of that foo function is _____.

Answer Choices

A: "main.binky"

B: "binky.main"

C: "boo.binky"

D: binky.foo"

Difficulty Level: Intermediate

Reference: Common Python Question

Answer: D

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Q. No. 10

Question:

_____ gives a quick list of the defined symbols in python

Answer Choices

A: snapshot

B: view

C: help

D: dir

Difficulty Level: Easy

Reference: Common Python Question

Answer: D

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Q. No. 11

Question:

The _____ of a piece of code affects its meaning.

Answer Choices

A: whitespace indentation

B: space between lines

C: All of the above

D: None of the above

Difficulty Level: Intermediate

Reference: Common Python Question

Answer: A

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Q. No. 12
Question:

Google standard is to indent by _____ spaces
Answer Choices
A: One
B: Two
C: Three
D: Four

Difficulty Level: Intermediate
Reference: Common Python Question

Answer: B

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Q. No. 13
Question:

Logical Connectors are spelled out with _____.
Answer Choices
A: Letters
B: Integers
C: Symbols
D: All of the above

Difficulty Level: Intermediate

Reference: Common Python Question

Answer: A

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Q. No. 14

Question:

Which of the following is not an example for logical connectors (select two)

Answer Choices

A: Else

B: Not

C: Elif

D: Or

E: If

Difficulty Level: Intermediate

Reference: Common Python Question

Answer: B and D

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Q. No. 15

Question:

In Python boolean operations, Empty string is counted as

Answer Choices

A: True

C: None

D: None of the above.

Difficulty Level: Difficult

Reference: Common Python Question

Answer: B

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Q. No. 16

Question:

In Python, due to lack of compile time checking, more _____ is required.

Answer Choices

A: Load Testing

B: Integration Testing

C: Unit Testing

D:Stress Testing

Difficulty Level: Intermediate

Reference: Common Python Question

Answer: C

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Q. No. 17

Question:

In computer programming, _____ is a method by which individual units of source code are tested to determine if they are fit for use.

Answer Choices

A: Load Testing

B: Integration Testing

C: Stress Testing

D: Unit Testing

Difficulty Level: Intermediate

Reference: Common Software Question

Answer: D

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Q. No. 18

Question:

A _____ is the smallest testable part of an application.

Answer Choices

A: Unit

B: Module

C: File

D: Library

Difficulty Level: Difficult

Reference: Common Software Question

Answer: A

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Q. No. 19

Question:

Built-in string class is named _____ .

Answer Choices

A: Char

B: List

C: Str

D: Tuple

Difficulty Level: Intermediate

Reference: Common Python Question

Answer: C

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Q. No. 20

Question:

String literals can be enclosed by _____.

Answer Choices

A: Single quotes

B: Double quotes

C: Either double or single quotes

D: None of the above

Difficulty Level: Difficult

Reference: Common Python Question

Answer: C

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Q. No. 21

Question:

.A double quoted string literal can contain (without using escape characters)_____.

Answer Choices

A: Single quotes

B: Double quotes

C: Either double or single quotes

D: None of the above

Difficulty Level: Intermediate

Reference: Common Python Question

Answer: A

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Q. No. 22

Question:

Single quoted string can contain (without using escape characters_____.

Answer Choices

A: Single quotes

B: Double quotes

C: Either double or single quotes

D: None of the above

Difficulty Level: Difficult

Reference: Common Python Question

Answer: B

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Q. No. 23

Question:

Backslash escapes work within _____.

Answer Choices

A: Single quoted literals

B: Double quoted literals

C: Both double or single quoted literals

D: None of the above

Difficulty Level: Intermediate

Reference: Common Python Question

Answer: C

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Q. No. 24

Question:

A string literal can span multiple lines, but there must be a _____ at the end
of each line to escape the newline.

Answer Choices

A: backslash \

B: Double backslash \\

C: either single or double backslash

D: None of the above

Difficulty Level: Intermediate

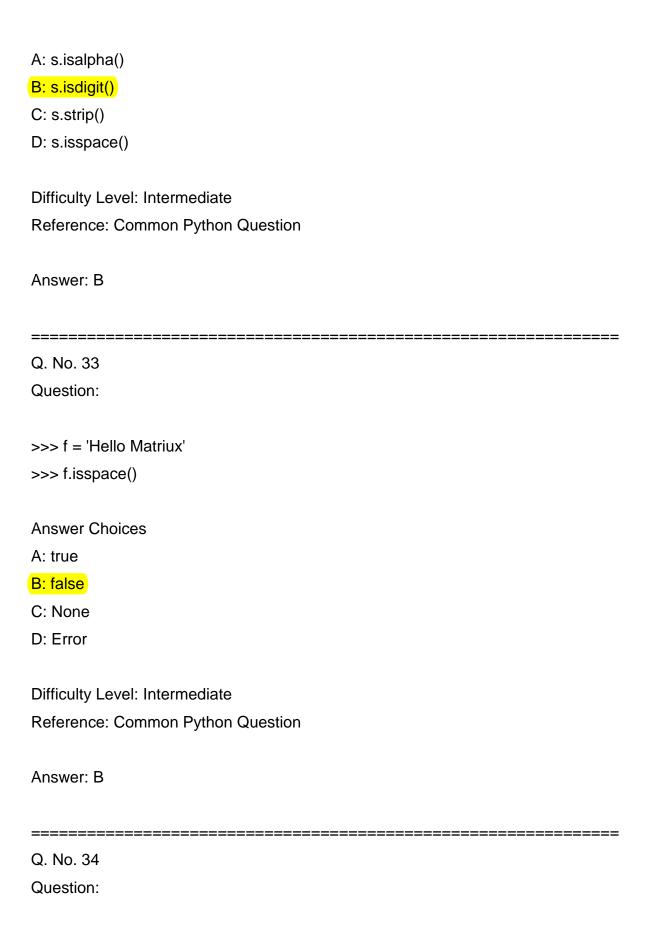Reference: Common Python Question

Answer: A

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Q. No. 25

Question:

String literals inside _____ quotes can span multiple lines of text.

Answer Choices

A: Single

B: Double

C: Triple

D: All of the above

Difficulty Level: Intermediate

Reference: Common Python Question

Answer: C

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Q. No. 26

Question:

Python strings are

Answer Choices

A: Immutable

B: Mutable

C: None of the above

D: All of the above

Difficulty Level: Intermediate

Reference: Common Python Question

Answer: A

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Q. No. 27

Question:

The [ ] syntax and the len() function work on _____

Answer Choices

A: Strings

B: Lists

C: All of the above

D: None of the above

Difficulty Level: Intermediate

Reference: Common Python Question

Answer: C

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Q. No. 28

Question:

A "raw" string literal is prefixed by an '_____' and passes all the chars through without special treatment of backslashes,

Answer Choices

A: r

B: R

C: \r

D: \R

Difficulty Level: Intermediate

Reference: Common Python Question

Answer: A

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Q. No. 29
Question:

r'x\nx' evaluates to the length _____ string
Answer Choices
A: 1
B: 2
C: 3
D: 4

Difficulty Level: Difficult
Reference: Common Python Question

Answer: D

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Q. No. 30
Question:

>>> a
'Welcome to the world of matriux'
>>> a.isalpha()

Answer Choices
A: true
B: false

C: None

D: Error

Difficulty Level: Intermediate

Reference: Common Python Question

Answer: B

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Q. No. 31

Question:

```
>>> e = 8
>>> e.isdigit()
```

Answer Choices

A: True

B: False

C: None

D: Error

Difficulty Level: Intermediate

Reference: Common Python Question

Answer: D

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Q. No. 32

Question:

The _____ method checks whether the string consists of digits only.

Answer Choices

A: s.isalpha()

B: s.isdigit()

C: s.strip()

D: s.isspace()

Difficulty Level: Intermediate

Reference: Common Python Question

Answer: B

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Q. No. 33

Question:

```
>>> f = 'Hello Matriux'
>>> f.isspace()
```

Answer Choices

A: true

B: false

C: None

D: Error

Difficulty Level: Intermediate

Reference: Common Python Question

Answer: B

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Q. No. 34

Question:

Select True or False

Python is a dynamic and interpreted language

Answer Choices

A: True

B: False

Difficulty Level: Intermediate

Reference: Common Python Question

Answer: A

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Q. No. 35

Question:

list.append() returns the special value _____

Answer Choices

A: None

B: Error

C: True

D: Null

Difficulty Level: Difficult

Reference: Common Python Question

Answer: A

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Q. No. 36

Question:

Select True or False

Variable, Parameter and Method type declaration is mandatory in Python

Answer Choices

A: True

<mark>B: False</mark>

Difficulty Level: Difficult

Reference: Common Python Question

Answer: B

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Q. No. 37

Question:

Select True or False

Compile time type checking is happening when you execute and run a python code.

Answer Choices

A: True

<mark>B: False</mark>

Difficulty Level: Difficult

Reference: Common Python Question

Answer: B

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Q. No. 38

Question:

Select True or False

Python tracks the types of all values at runtime

Answer Choices

A: True

B: False

Difficulty Level: Difficult

Reference: Common Python Question

Answer: A

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Q. No. 39

Question:

Select True or False

Python raises a runtime error if the code tries to read from a variable that has not been given a value.

Answer Choices

A: True

B: False

Difficulty Level: Intermediate

Reference: Common Python Question

Answer: B

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Q. No. 40

Question:

Select True or False

Python is case insensitive.

Answer Choices

A: True

B: False

Difficulty Level: Intermediate

Reference: Common Python Question

Answer: B

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Q. No. 41

Question:

Select True or False

Python does not require a semicolon at the end of each statement.

Answer Choices

A: True

B: False

Difficulty Level: Intermediate

Reference: Common Python Question

Answer: A

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Q. No. 42

Question:

REPL stands for _____

Answer Choices

A: Read-Evaluate-Parse-Loop

B: Read-Evaluate-Print-List

C: Read-Enter-Print-List

D: Read-Evaluate-Print-Loop

Difficulty Level: Intermediate

Reference: Common Python Question

Answer: D

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Q. No. 43

Question:

Select True or False

Variables defined in the function are local to that function

Answer Choices

A: True

B: False

Difficulty Level: Intermediate

Reference: Common Python Question

Answer: A

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Q. No. 44

Question:

Select True or False

The return statement can take an argument, in which case that is the value returned to the caller.

Answer Choices

A: True

B: False

Difficulty Level: Intermediate

Reference: Common Python Question

Answer: A

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Q. No. 45

Question:

Select True or False

The file "binky.py" is also known as the module "binky".

Answer Choices

A: True

B: False

Difficulty Level: Intermediate

Reference: Common Python Question

Answer: A

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Q. No. 46

Select True or False

A logical block of statements such as the ones that make up a function should all have the same indentation.

Answer Choices

A: True

B: False

Difficulty Level: Intermediate

Reference: Common Python Question

Answer: A

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Q. No. 47

Question:

Select True or False

Unlike Java and C, In Python, == is not overloaded to work correctly with strings.

Answer Choices

A: True

B: False

Difficulty Level: Intermediate

Reference: Common Python Question

Answer: B

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Q. No. 48

Question:

_____ read the entire file into one string

Answer Choices

A: read()

B: readline()

C: reads()

D: readlines()

Difficulty Level: Intermediate

Reference: Common Python Question

Answer: A

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Q. No. 49

Question:

_____ reads the entire file into memory as a python list.

Answer Choices

A: read()

B: readline()

C: reads()

D: readlines()

Difficulty Level: Difficult

Reference: Common Python Question

Answer: D

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Q. No. 50

Question:

Python's efficient key/value hash table structure is called a _____.

Answer Choices

A: datastructure

B: dict

C: string

D: tuble

Difficulty Level: Intermediate

Reference: Common Python Question

Answer: B

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