

In []: Q.1 Who Developed Python Programming Language ?

Ans:- Python was conceived in the late 1980s by Guido van Rossum at Centrum Wiskunde &

In []: Q.2 Which type of Programming does Python Support ?

Ans:- Python is a multi-paradigm programming language. Object-oriented programming and

In []: Q.3 Is Python case sensitive when dealing with identifiers?

Ans:- Yes, Python is a case-sensitive language, so identifiers are case-sensitive. That

In []: Q.4 what is the correct extension of the python file ?

Ans:- .py

Python is a widely used programming or coding language used for different purposes. The

In []: Q.5 Is python code compiled or interpreted?

Ans:- interpreted language

Similar to other scripting languages, Python is an interpreted language. At runtime an

In []: Q.6 Name a few blocks of code used to define in Python language?

Ans:- A Python program is constructed from code blocks. A block is a piece of Python pr

In []: Q.7 State a character used to give single-line comments in Python?

Ans:-Python offers a pretty simple and straightforward way to write a comment. We can w

In []: Q.8 Mention functions which can help us to find the version of python that we are curre

Ans:-The function sys. version can help us to find the version of python that we are cu

In []: Q.9 Python supports the creation of anonymous functions at runtime, using a construct c

Ans:-lambda.

In []: Q.10 What does pip stand for python?

Ans:-PIP is a recursive acronym for "Preferred Installer Program" or PIP Installs Packa

In []: Q.11 Mention a few built-in functions in python?

Ans:-print() function. The print() function prints the specified message to the screen

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type( ) function.  
input( ) function.  
abs( ) function.  
pow( ) function.  
dir( ) function.  
sorted( ) function.  
max( ) function.
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Q.12 What **is** the maximum possible length of an identifier **in** Python?

Ans:-An identifier can have a maximum length of **79** characters **in** Python.

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Q.13. What are the benefits of using Python?

Ans:-Simple to Use **and** Understand. For newcomers, Python **is** simple to understand **and** is Free **and** Open-Source.
Productivity has Increased.
Interpreted Language.
Extensive library.
Dynamically Typed.
Portability.
Supportive community.

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Q.14 How **is** memory managed **in** Python?

Ans:-Memory management **in** Python involves a private heap containing all Python objects

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Q.15 How to install Python on Windows **and** set path variables?

Ans:-First, we must find the directory where we installed Python. A typical installation
Now, we will need to add this to the PATH variable, we right click on "**This PC**" **and** go
Then, we click on the "**Advanced system settings**" **in** the menu on the left.going
In the bottom right, we can see a button labeled "**Environment Variables**". We will click
Now, we select the "**Path variable**" **in** the "**System variables**" section **and** click "**Edit**".
Another window opens up where we can see all the paths **for** the currently configured sys
We have successfully added the path **for** our Python program to our system's **environment**
Now, we can verify **if** the PATH variable was configured correctly by opening up the term

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16. Is indentation required **in** python?

Ans:-Indentation **is** mandatory **in** python to define the blocks of statements.