

In [2]: Who developed python programming language?

python programming language was developed by Guido van Rossum.

In []: Which type of programming does python support?

Python **is** an interpreted programming language, supporting object-oriented, struc

In []: Is python case sensitive when dealing **with** identifiers?

Yes, Python **is** a case-sensitive language, i.e., it treats uppercase **and** lowercas

In []: What **is** the correct extension of python file used?

.py **is** the correct extension used **for** the python files.

In []: Is python code compiled **or** interpreted?

Python **is** an interpreted language, which means the source code of a Python progr

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

A block **is** a piece of Python program text that **is** executed **as** a unit. The follow

In []: State a character used to give single line comments **in** python?

Hash character("#") **is** used to comment the line **in** the Python program.

In []: Mention function which can help us to find all the version of python that we are

function sys.version

In []: Python supports the creation of anonymous functions at runtime, using a constant

Lambda

In []: What does pip stand **for** python?

pip stands **for** preferred installer program.

In []: Mention a few built-**in** functions **in** python?

```
print( ) function
type( ) function
input( ) function
abs( ) function
pow( ) function
dir( ) function
sorted( ) function
max( ) function
round( ) function
divmod( ) function
id( ) function
ord( ) function
len( ) function
```

```
sum( ) function
help( ) function
```

In []: What **is** the maximum possible length of an identifier **in** python?

The maximum possible length of an identifier **in** the python language **is** of **79** char

In []: What are the benefits of using python?

The benefits of using python are **as** follows:

- Easy to Learn **and** Use
- Mature **and** Supportive Python Community
- Support **from** Renowned Corporate Sponsors
- Hundreds of Python Libraries **and** Frameworks
- Versatility, Efficiency, Reliability, **and** Speed
- Big data, Machine Learning **and** Cloud Computing
- First-choice Language
- The Flexibility of Python Language
- Use of python **in** academics
- It **is** interpreted

In []: How **is** memory managed **in** python?

Memory **in** Python **is** managed by Python private heap space. All Python objects **and**

In []: How to install python on windows **and** set path variable?

The complete path of python.exe can be added by:

Right-clicking This PC **and** going to Properties.

Clicking on the Advanced system settings **in** the menu on the left.

Clicking on the Environment Variables button on the bottom right.

In the System variables section, selecting the Path variable **and** clicking on Edi

Clicking on New **and** entering Python's install directory.

In []: Is indendation required **in** pyhton?

Indentation **is** crucial to interpretation of Python - an indented block indicates