1. Python was created by Guido van Rossum, and first released on February 20, 1991.
2. Python is a multi-paradigm programming language. Object-oriented programming and structured programming are fully supported.
3. Yes, Python is a case-sensitive language, i.e., it treats uppercase and lowercase characters differently.
4. The Files with the . py extension contain the Python source code.
5. Python is both compiled as well as an interpreted language, which means when we run a python code, it is first compiled and then interpreted line by line.
6. Python uses indentation to define blocks of code.
7. # (hash) is used to make a single line comment.
8. The function sys. version can help us to find the version of python that we are currently working on. For example, 3.5.2, 2.7.3 etc. this function also returns the current date, time, bits etc along with the version.
9. Lambda Lambda functions are restricted to a single expression. They can be used wherever normal functions can be used.
10. preferred installer program
11. Function Description

bool() Returns the boolean value of the specified object

bytearray() Returns an array of bytes

bytes() Returns a bytes object

callable() Returns True if the specified object is callable, otherwise False

1. An identifier can have a maximum length of 79 characters in Python.

13. 1) Easy to Learn and Use.

2) Mature and Supportive Python Community.

3) Support from Renowned Corporate Sponsors.

4) Hundreds of Python Libraries and Frameworks.

5) Versatility, Efficiency, Reliability, and Speed.

6) Big data, Machine Learning and Cloud Computing.

7) First-choice Language

1. Memory management in Python involves a private heap containing all Python objects and data structures. The management of this private heap is ensured internally by the Python memory manager.
2. In the section entitled User Variables, double-click on the entry that says Path. Another window will pop up showing a list of paths. Click the New button and paste the path to your Python executable there. Once that's inserted, select your newly added path and click the Move Up button until it's at the top.
3. The indentation in Python is very important. Python uses indentation to indicate a block of code.