1.Python was developed by **Guido van Rossum** in 1990.

2.Pyhton is a high level programming language that supports Interpreted ,structural, functional and obeject oriented programming.

3.Yes Python is case sensitive when dealing with identifier.

4. extension of python file : .**py**

5.pyhton is interpreted

6.Function,module,classes are few blocks of code to define in python.

7. **# :** used for single line comment.

8. import sys

print(sys.version).

9.anonymous function : **lambda.**

10.pip stand for pip install packages.

11.len(),int(),float(),range(),list(),format() are some built in function.

12. identifier can be of any length.

13.Beneifits of python.

a. Free and Open Source

b. Dynamic typed

c. Portable-can be run on any operating system

d. Powerful and many libraries.

e. Large Commuity for support.

14.  Python has a private heap that stores our program’s objects and data structures.There are 2 types of allocation:static and dynamic.

Static : we cannot reuse memory for a variable ie memory allocated is permanent.These are stored in Stack Memory.

Dynamic: Variables are in Heap Memory so when we assign new value to variable during execution allocated memory can be used.

Python uses garbage collection to release memory blocks no longer in use.

15. It can be downloaded from Python official website download section. - [**https://www.python.org/downloads**](https://www.python.org/downloads)

A executable file (.exe) will be download and upon running it python will be installed in machine.

16.Yes indentation is required in python.