1. Python programming was developed by Guido van Rossum and it was first launched in the year of 1991.
2. Python supports various types of programming such as
   - Interpreted Programming (write codes in step-by-step)
   - Object orient Programming (creation and manipulation of objects)
   - Functional Programming (lambda expression, higher order function etc)
   - Scripting etc.
3. Yes, Python is Case sensitive when dealing with identifiers
   e.g., VAR= 2 and var =3 are two different variables
4. The correct extension for a python file is .py
   e.g., day1.py, myfile.py etc. However in data science we mostly use the .ipynb extension which is the extension for Jupiter notebook where we can write code markdown and can also visualised in a same notebook.
5. Python code is considered as interpreted language.
6. There are several blocks of code that can be defined using specific keywords such as
   - Function Blocks (defined using 'def')
   - Conditional Blocks ('if', 'else', 'elif')
   - Loop blocks ('for', 'while')
7. In Python, '#' is used for giving single line comments.
8. The 'sys' module in python provides a function called 'sys.version' which tell us which version of python we are working or "python - -version" in cmd tell us which version of python we have.
9. Python supports the creation of anonymous function at runtime using construct called "Lambda function".
10. Pip in Python stands for "Preferred Installer Program" or " Pip Installs Packages".
11. "print()" : Outputs the text or values to the console
    "list()" : creates new list
    "sum()" : returns the sum of all the elements in a sequence
    "type()" : Returns the type of an object, Etc.
12. The maximum possible length of an identifier in python is 79 characters.
13. The benefits of using python is it is versatile also it is the only programming language that support math-intensive applications. It is easy to write and less time taking.
14. Memory management is handled in python automatically using a system called "Garbage Collection".
15. In order to install python first we need to download the latest version of python from the official website Download Python | Python.org and install it in our system.
    Now to set the path variable
    Open the start menu and search for "Environment variables". Click on edit the system Environment variables" now click on "Environment variables" at the bottom right and under "System variables" scroll and find "Path" select the path and click on edit then click on new and pest the path of python installation directory and click "OK".
16. Yes, indentation required in python.