1. Python was developed by [Guido van Rossum](https://www.google.com/search?sxsrf=AJOqlzUYcx2P6mQeY9-qZT8awipR2MyOXA:1676301829377&q=Guido+van+Rossum&stick=H4sIAAAAAAAAAONgVuLUz9U3MMwwME1-xGjCLfDyxz1hKe1Ja05eY1Tl4grOyC93zSvJLKkUEudig7J4pbi5ELp4FrEKuJdmpuQrlCXmKQTlFxeX5gIACMWaE1cAAAA&sa=X&ved=2ahUKEwik2s345pL9AhWXS2wGHeUCCDMQzIcDKAB6BAgNEAE)
2. **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 correct extension of python file is **.ipynb**
5. Python is interpreted language whioch means the source code is converted into bytecode that is then executed by python virtual machine
6. Indentation is used to define the block of code
7. To mention a single line comment - # is used
8. Using sys. version method to check the current version of pythomn
9. Lambda is used to created anonymous function
10. Pip – preferred installer program
11. Built in functions are print(),type(),input()
12. Maximum length of identifier – 79 characters
13. Benefits of using python:-
    1. Simple to Use and Understand. For newcomers, Python is simple to understand and use. ...
    2. Free and Open-Source. Video Player is loading. ...
    3. Productivity has Increased. ...
    4. Interpreted Language. ...
    5. Extensive library. ...
    6. Dynamically Typed.
14. 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.
15. The complete path of **python.exe** can be added by:
16. Right-clicking This PC and going to Properties.
17. Clicking on the Advanced system settings in the menu on the left.
18. Clicking on the Environment Variables button o​n the bottom right.
19. In the System variables section, selecting the Path variable and clicking on Edit. The next screen will show all the directories that are currently a part of the PATH variable.
20. Clicking on New and entering Python’s install directory.
21. Yes, indentation is required in python