***Python:***

Python was developed by Guido van Russum in the year 1991

It is used to created

* web developments (Server side)
* Data science
* Artificial intelligence
* Automation
* System scripting

Python can be used on a server to create web applications.

Python is a high level, interpreted programming language (No Need of compilation) known for its simplicity and readability

Python has vast libraries make it a greater choice for both beginners and experience professionals.

Python can be used alongside software to create workflows.

Python can connect to database systems; it can also read and modify the files.

Python can be used to handle big data and perform complex problems and mathematics.

Python can be used for rapid prototyping or for production ready software developments

Python can work on different platforms (Windows, Mac, Linux)

Python has a simple syntax similar to English language and easy to learn

Python is a Dynamic typed programming language means you can re assign the values even after assignment.

**Python Indentations:**

Python indention refers to the space at the beginning of the code line and it is very important

Python uses the indentation to indicate a block of code



The common use of indentions are 4 spaces but it has to be at least one

We have to use same number of spaces in the same block of code, otherwise python will throw an error