## PYTHON

CODING Competition

Documentation was done

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## INTRODUCTION OF PYTHON:

python is a popular programming language. It was created by GUIDO VAN ROSSUM and released in 1991.

# IT IS USED FOR :

* Web development
* Software development
* Mathematics
* System scripting

# WHAT CAN PYTHON DO?

* Python can be used on a server to create web applications
* Python can be used alongside software to create workflows
* Python can connect to database systems .It can also read and modify files
* Python can be used to handle big data and perform complex mathamatics
* Python can be used for rapid prototyping or for production-ready software development.

# ABOUT THIS DOCUMENT :

* The most recent major version of python is python 3,which we shall be using in this tutorial. However,python 2 ,although not being updates, is still quite popular.
* In this tutorial python will be written in a text editor.It is possible to write python in an integrated development environment, such as thonny , pycharm , netbeans or eclipse which are particularly useful when managing larger collections of python files.