পাইথন প্রোগ্রামিং

PRESENTED BY

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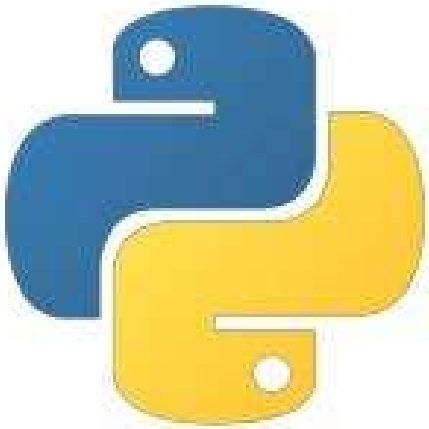
What is Python?

Python is high level object-oriented programming language

Python was developed by **Guido van Rossum** in 1989 and was released in 1991



The name Python was taken from the popular BBC comedy show of that time, **"Monty Python's Flying Circus"**

History of Python

History of Python

1980- Conception

1989- Implementation

2000- Python 2.0 Release

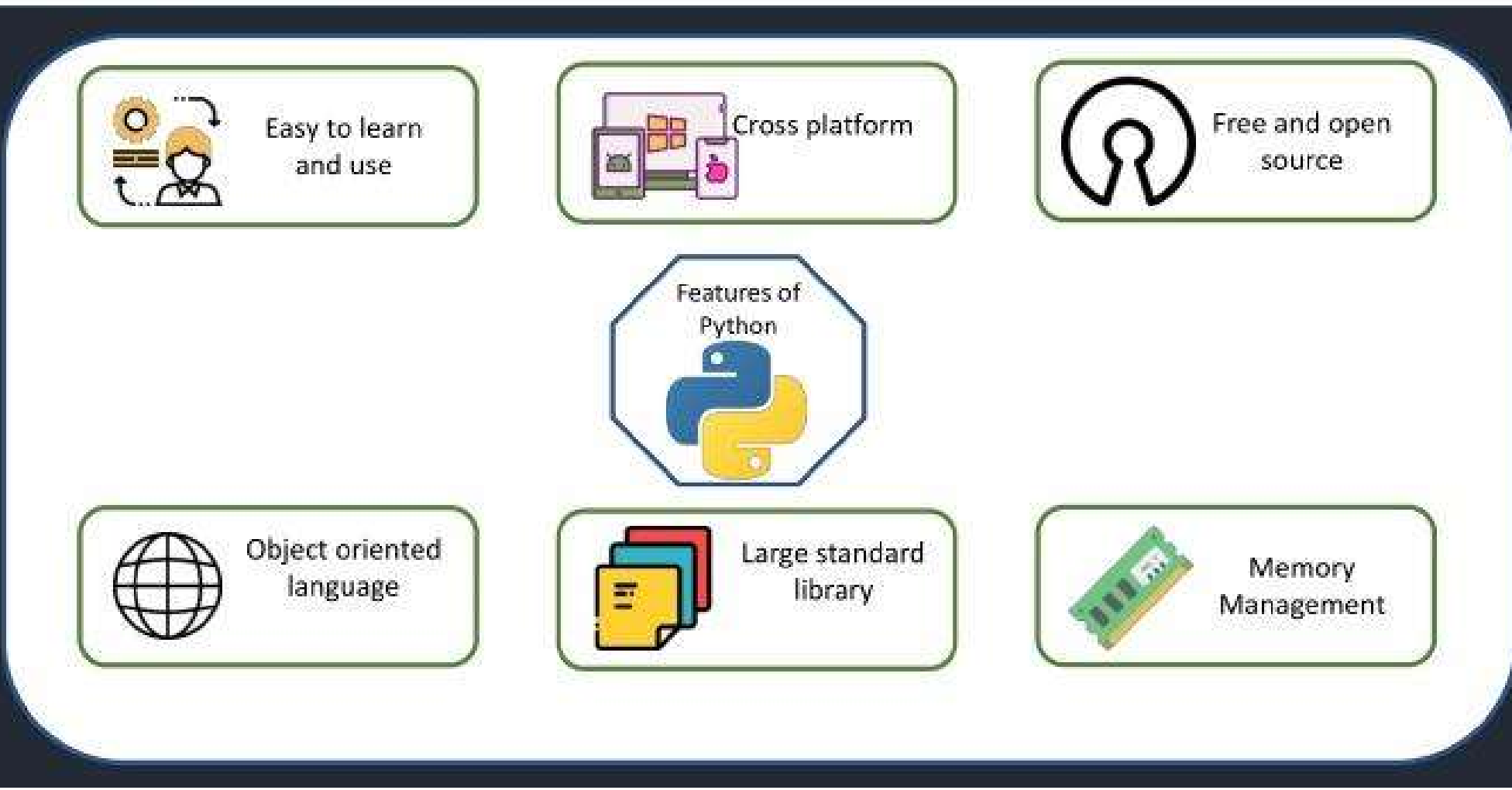
2008- Python 3.0 Release

2017- Python 2.7 to Go Transcompiler

2020- End-of-life: Python 2.7

Guido Van Rossum

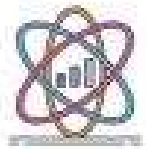
Features of Python



Uses of Python

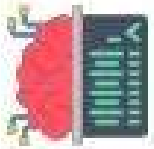
Desktop Applications

Web Applications

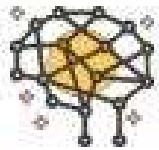


Data Science

Game Development



Machine Learning



Artificial Intelligence

Popular Python Frameworks and Libraries

Web development (Server-side) - Django Flask, Pyramid, CherryPy

GUIs based applications - Tk, PyGTK, PyQt, PyJs

Machine Learning - TensorFlow, PyTorch, Scikit-learn, Matplotlib, SciPy

Mathematics - Numpy, Pandas

Use of Python

Best Python IDEs

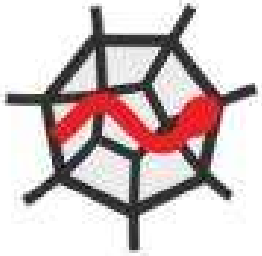
Jupyter notebook

Visual Studio Code

Sublime text

PyCharm

IDLE



Spyder Notebook

THANK YOU