introduction & Python Basic Knowledge

introduction

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Introduction to Python

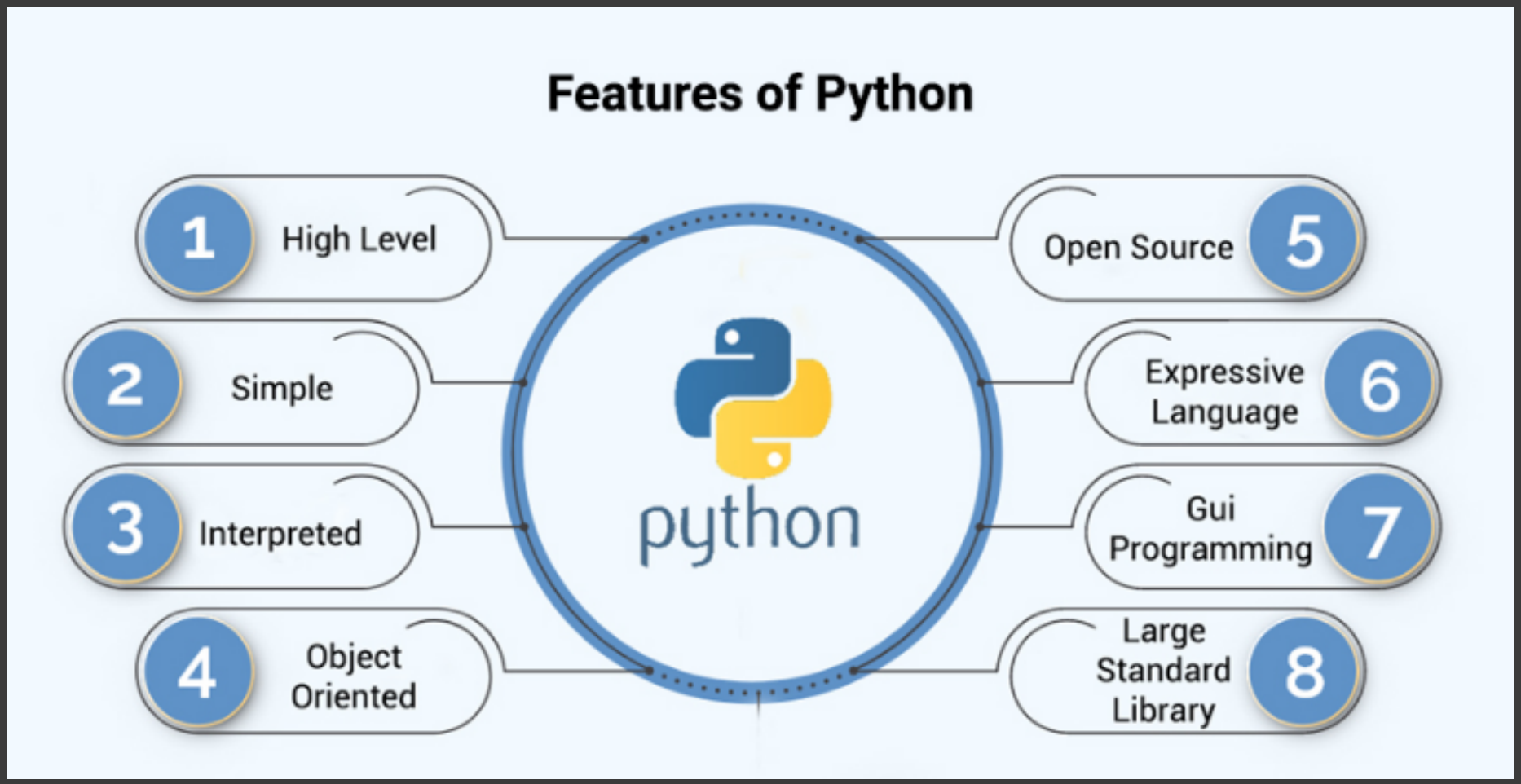
Python :-

Python is a high-level, interpreted programming language known for its readability and versatility. Created by Guido van Rossum and first released in 1991, Python emphasizes code readability and simplicity, making it an excellent choice for both beginners and experienced developers.

Why learn python ?

- Easy to read and write
- Versatile: Web development, data science, automation, etc.
- Large community and extensive libraries

Features of Python



Basic Python Syntax

Python Syntax

Case-sensitive, indentation matters

Variables and Data Types

int, float, str, double

//syntax:-

datatype varible_name ;

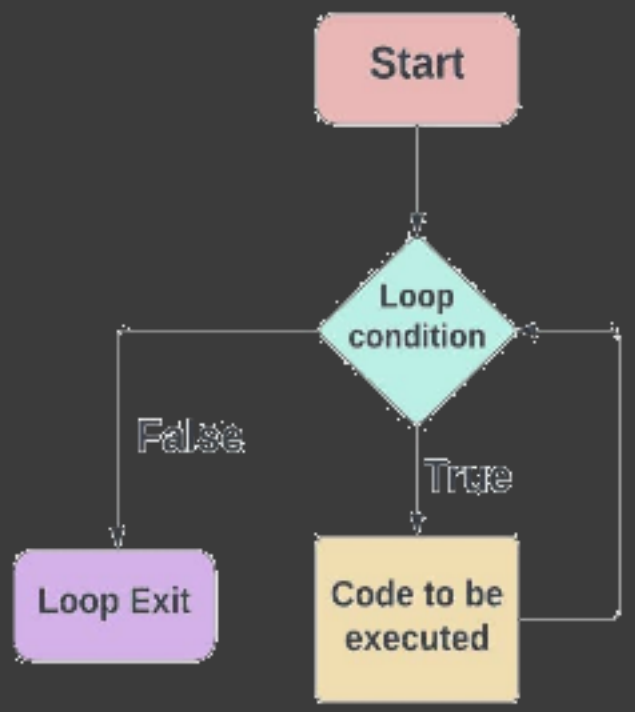
Basic Operations (e.g., arithmetic operations and comparison opration)

Python Control Structures

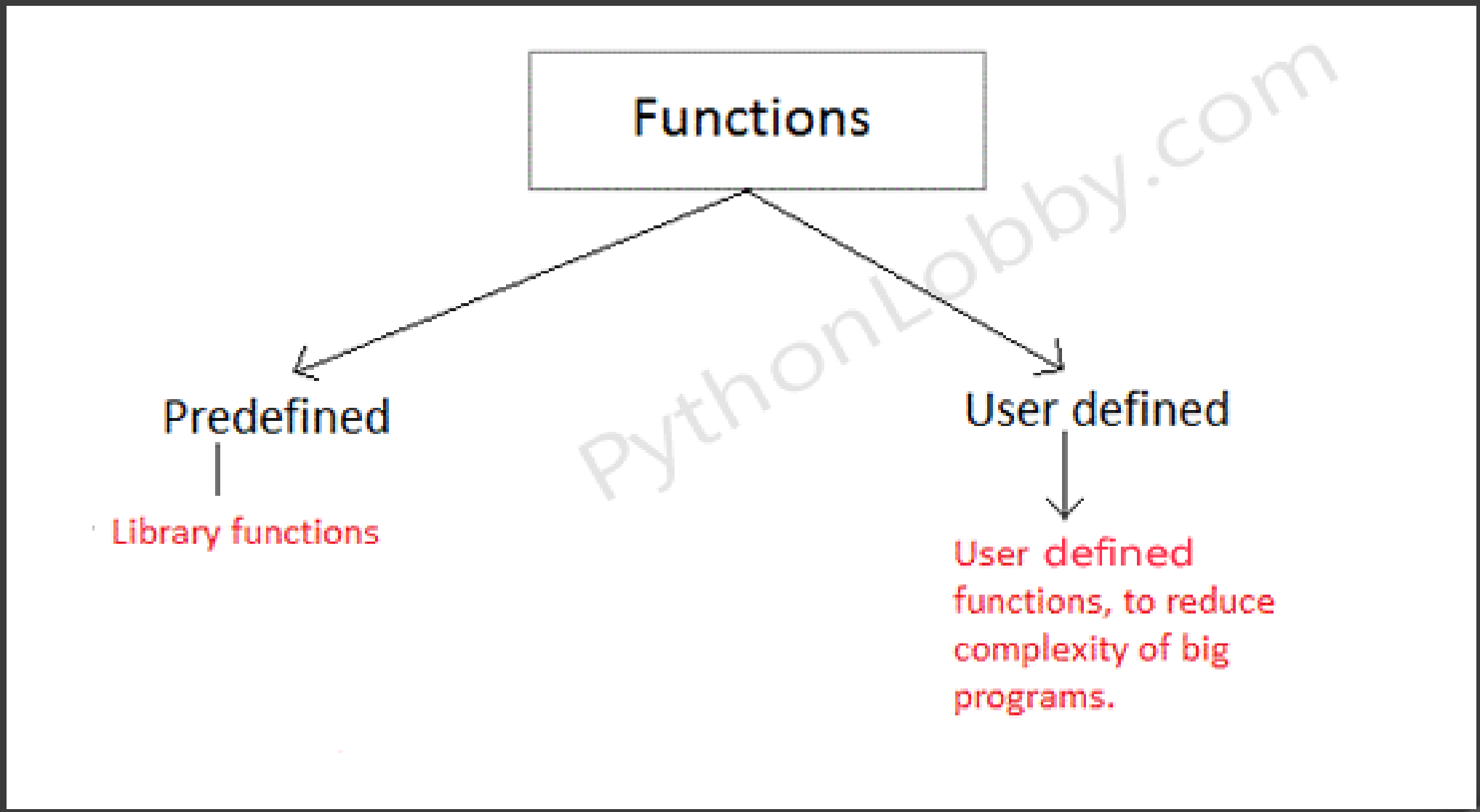
Conditional Statements (if, else if, else)

Loops (for, while)

Example Code Snippets :-



Functions in Python



Thank You