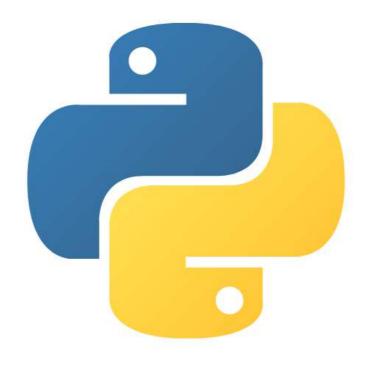
Learn Python in 15 Days

Python Roadmap





Day 1: Understand the Basics

- 1. Introduction
- 2. Python Features & Applications
- 3. How to Install Python?
- 4. Hello World Program

Day 2-3: Learn Python DataTypes, Variables & Operators

- 1. Data Types | Variables in Python
- 2. Global and Local Variables in Python
- 3. Operators in Python
- 4. Operator Overloading in Python
- 5. Python Programming Examples for Practice

Day 4-5: Learn Conditional & Flow Control Statements in Python

- 1. Decision-Making statements in Python
- 2. Loops in Python
- 3. Looping Techniques in Python
- 4. Control Statements in Python
- 5. Chaining Comparison in Python

Day 6-7: Understand String, List & Dictionary Manipulations in Python

- 1. Python Arrays
- 2. Python Dictionary
- 3. Python String | Python Lists
- 4. Byte Objects vs String in Python
- 5. Python Sets | Python Tuples

Day 8-10: Get Familiar With Python Functions & Modules

- 1. Functions in Python
- 2. Function with arguments
- 3. Lambda Functions
- 4. Python Modules | Python Package
- 5. Python Closures

Day 11-12: Go through Python File Operations

- 1. Basics of File Handling in Python
- 2. Open a File in Python
- 3. Reading a File | Writing to a File
- 4. Python seek() function
- 5. Python tell() function

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Day 13-15: Understand the Object-Oriented Approach in Python

- 1. Class, Object, and Members in Python
- 2. Inheritance | Polymorphism | Encapsulation
- 3. Data Hiding & Object Printing
- 4. Constructors | Destructors in Python
- 5. Garbage Collection in Python