

7-Day Python Beginner Timetable

Day 1: Introduction & Setup

- Install Python & IDE (VS Code, PyCharm, or Jupyter)
- Hello World
- Data types: int, float, str, bool
- Variables and type casting
- Input/output (input, print)

Practice: Simple calculator, greeting user

Day 2: Control Flow

- if, elif, else
- Comparison & logical operators
- pass, break, continue

Practice: Number guessing game, grade checker

Day 3: Loops

- for and while loops
- range() function
- Looping through strings and lists

Practice: Multiplication table, sum of numbers

Day 4: Data Structures

- Lists, Tuples, Sets, Dictionaries
- List methods

Practice: Contact book, remove duplicates

Day 5: Functions & Modules

- Defining functions
- Arguments & return values

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- *args, **kwargs
- Using modules: math, random

Practice: Calculator, dice roller

Day 6: Strings & File Handling

- String methods & formatting
- File I/O: read/write text files

Practice: Word counter, palindrome checker

Day 7: Practice + Mini Project

- Review all topics
- Mini Projects: To-Do list, Quiz, Chatbot, Expense Tracker