

Python(Begineer to Advance)

Chapter One: Fundamentals of Python

- Introduction to Python
- Running Python Programs
- Writing Python Code

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Chapter Three: Input and Output

- Printing with Parameters
- Getting Input from a User
- String Formatting

Chapter Four: Making Decisions

- Logical Expressions
- The “if” Statement
- Logical Operators
- More Complex Expressions

Chapter Five: Finding and Fixing Problems

- Types of Errors
- Troubleshooting Tools
- Using the Python Debugger

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ChapterSeven:NumericalD ate

Functions

- Dates and Times
- Advanced Data and Time Management
- Random Numbers
- The Math Library

Chapter Eight: Working with Strings

- Character Data
- String Functions
- Input Validation with “try / except”

Chapter Nine: Functions

- Writing and Calling Functions
- Function Inputs and Outputs
- Local and Global Scope

Chapter Ten: Python Classes

- Thinking about Objects
- Class Variables and Methods
- Managing Class Files

Chapter Eleven: Class Instances

- Creating Objects with Instance Data
- Instance Methods
- Managing Objects