Mindluster Platform

# About the course Programming Using Python

Python is a powerful general-purpose programming language. It is used in web development, data science, creating software prototypes, and so on. Fortunately for beginners, Python has simple easy-to-use syntax. This makes Python an excellent language to learn to program for beginners .

**Programming Category's Courses**

# Course Lesson(79)

Lesson 1 :
**Introduction to Computer Science and Programming Using Python | Python Basics | Introduction**

Lesson 2 :
**Introduction to Computer Science and Programming Using Python | Python Basics | Knowledge**

Lesson 3 :
**Introduction to Computer Science and Programming Using Python | Python Basics | Machines**

Lesson 4 :
**Introduction to Computer Science and Programming Using Python | Python Basics | Languages**

Lesson 5 :
**Introduction to Computer Science and Programming Using Python | Python Basics | Types**

Lesson 6 :
**Introduction to Computer Science and Programming Using Python | Python Basics | Variables**

Lesson 7 :
**Introduction to Computer Science and Programming Using Python | Python Basics | Operators Branching**

Lesson 8 :
**Introduction to Computer Science and Programming Using Python | Python Basics | Strings**

Lesson 9 :
**Introduction to Computer Science and Programming Using Python | Python Basics | Input Output**

Lesson 10 :
**Introduction to Computer Science and Programming Using Python | Python Basics | IDEs**

Lesson 11 :
**Introduction to Computer Science and Programming Using Python | Python Basics | Control Flow**

Lesson 12 :
**Introduction to Computer Science and Programming Using Python | Python Basics | Iteration**

Lesson 13 :
**Introduction to Computer Science and Programming Using Python | Python Basics | Guess and Check**

Lesson 14 :
**Introduction to Computer Science and Programming Using Python | Simple Programs | So Far**

Lesson 15 :
**Introduction to CS and Programming Using Python | Simple Programs | Approximate Solutions**

Lesson 16 :
**Introduction to Computer Science and Programming Using Python | Simple Programs | Bisection Search**

Lesson 17 :
**Introduction to CS and Programming Using Python | Simple Programs | Floats and Fractions**

Lesson 18 :
**Introduction to Computer Science and Programming Using Python | Simple Programs | Newton Raphson**

Lesson 19 :
**Introduction to CS and Programming Using Python | Simple Programs | Decomposition and Abstraction**

Lesson 20 :
**Introduction to CS and Programming Using Python | Simple Programs | Introducing Functions**

Lesson 21 :
**Introduction to CS and Programming Using Python | Simple Programs | Calling Functions and Scope**

Lesson 22 :
**Introduction to Computer Science and Programming Using Python | Simple Programs | Keyword Arguments**

Lesson 23 :
**Introduction to Computer Science and Programming Using Python | Simple Programs | Specification**

Lesson 24 :
**Introduction to CS and Programming Using Python | Simple Programs | Iteration vs Recursion**

Lesson 25 :
**Introduction to CS and Programming Using Python | Simple Programs | Inductive Reasoning**

Lesson 26 :
**Introduction to Computer Science and Programming Using Python | Simple Programs | Towers of Hanoi**

Lesson 27 :
**Introduction to Computer Science and Programming Using Python | Simple Programs | Fibonacci**

Lesson 28 :
**Introduction to CS and Programming Using Python | Simple Programs | Recursion on Non Numerics**

Lesson 29 :
**Introduction to Computer Science and Programming Using Python | Simple Programs | Files**

Lesson 30 :
**Introduction to Computer Science and Programming Using Python | Structured Types | Tuples**

Lesson 31 :
**Introduction to Computer Science and Programming Using Python | Structured Types | Lists**

Lesson 32 :
**Introduction to Computer Science and Programming Using Python | Structured Types | List Operations**

Lesson 33 :
**Introduction to CS and Programming Using Python | Structured Types | Mutation Aliasing and Cloning**

Lesson 34 :
**Introduction to CS and Programming Using Python | Structured Types | Functions as Objects**

Lesson 35 :

**Introduction to Computer Science and Programming Using Python | Structured Types | Quick Review**

Lesson 36 :
**Introduction to Computer Science and Programming Using Python | Structured Types | Dictionaries**

Lesson 37 :
**Introduction to CS and Programming Using Python | Structured Types | Example with a Dictionary**

Lesson 38 :
**Introduction to CS and Programming Using Python | Structured Types | Fibonacci and Dictionaries**

Lesson 39 :
**Introduction to Computer Science and Programming Using Python | Structured Types | Global Variables**

Lesson 40 :
**Intro to CS and Programming Using Python | Good Programming Practices | Programming Challenges**

Lesson 41 :
**Intro to CS and Programming Using Python | Good Programming Practices | Classes of Tests**

Lesson 42 : **Intro to CS and Programming Using Python | Good Programming Practices | Bugs**

Lesson 43 : **Intro to CS and Programming Using Python | Good Programming Practices | Debugging**

Lesson 44 :
**Intro to CS and Programming Using Python | Good Programming Practices | Debugging Example**

Lesson 45 : **Intro to CS and Programming Using Python | Good Programming Practices | Exceptions**

Lesson 46 :
**Intro to CS and Programming Using Python | Good Programming Practices | Exceptions Examples**

Lesson 47 :
**Intro to CS and Programming Using Python | Good Programming Practices | Exceptions as Control Flow**

Lesson 48 : **Intro to CS and Programming Using Python | Good Programming Practices | Assertions**

Lesson 49 :
**Intro to CS and Programming Using Python | Object Oriented Programming | Object Oriented Programming**

Lesson 50 :
**Intro to CS and Programming Using Python | Object Oriented Programming | Class Instances**

Lesson 51 : **Intro to CS and Programming Using Python | Object Oriented Programming | Methods**

Lesson 52 :
**Intro to CS and Programming Using Python | Object Oriented Programming | Classes Examples**

Lesson 53 : **Intro to CS and Programming Using Python | Object Oriented Programming | Why OOP**

Lesson 54 :
**Intro to CS and Programming Using Python | Object Oriented Programming | Hierarchies**

Lesson 55 :
**Intro to CS and Programming Using Python | Object Oriented Programming | Class Variables**

Lesson 56 :
**Intro to CS and Programming Using Python | Object Oriented Programming | Building a Class**

Lesson 57 :

**Intro to CS and Programming Using Python | Object Oriented Programming | Visualizing the Hierarchy**

Lesson 58 :
**Intro to CS and Programming Using Python | Object Oriented Programming | Adding Another Class**

Lesson 59 :
**Intro to CS and Programming Using Python | Object Oriented Programming | Using Inherited Methods**

Lesson 60 :
**Intro to CS and Programming Using Python | Object Oriented Programming | Generators**

Lesson 61 :
**Intro to CS and Programming Using Python | Algorithmic Complexity | Program Efficiency**

Lesson 62 : **Intro to CS and Programming Using Python | Algorithmic Complexity | Big Oh Notation**

Lesson 63 :
**Intro to CS and Programming Using Python | Algorithmic Complexity | Complexity Classes**

Lesson 64 :
**Intro to CS and Programming Using Python | Algorithmic Complexity | Analyzing Complexity**

Lesson 65 :
**Intro to CS and Programming Using Python | Algorithmic Complexity | More Analyzing Complexity**

Lesson 66 :
**Intro to CS and Programming Using Python | Algorithmic Complexity | Recursion Complexity**

Lesson 67 :
**Intro to CS and Programming Using Python | Algorithmic Complexity | Search Algorithms**

Lesson 68 : **Intro to CS and Programming Using Python | Algorithmic Complexity | Bisection Search**

Lesson 69 : **Intro to CS and Programming Using Python | Algorithmic Complexity | Bogo Sort**

Lesson 70 : **Intro to CS and Programming Using Python | Algorithmic Complexity | Bubble Sort**

Lesson 71 : **Intro to CS and Programming Using Python | Algorithmic Complexity | Selection Sort**

Lesson 72 : **Intro to CS and Programming Using Python | Algorithmic Complexity | Merge Sort**

Lesson 73 : **Intro to Computer Science and Programming Using Python | Plotting | Pylab**

Lesson 74 : **Intro to Computer Science and Programming Using Python | Plotting | Plots**

Lesson 75 : **Intro to Computer Science and Programming Using Python | Plotting | Labels**

Lesson 76 : **Intro to Computer Science and Programming Using Python | Plotting | Comparing Plots**

Lesson 77 : **Intro to Computer Science and Programming Using Python | Plotting | Display Details**

Lesson 78 : **Intro to Computer Science and Programming Using Python | Plotting | An Example**

Lesson 79 : **Intro to Computer Science and Programming Using Python | Course Summary**

# Related courses

**React Projects Workshops**

**Node js back end JavaScript**

**Python programming language**

**Social Network Theme UI With Sass**

**Full Stack React Django**

**Build a Node js App With Sequelize**



for Business Contact
business@mindluster.com