

This is to verify that **HIMANSHU BHATT** has completed the course **Python for Beginners** on Alison.

HIMANSHU BHATT

Alison ID: 10469852

Course Completed: Python for Beginners

Date Of Completion: 22nd September 2025

Email ID: 2408.himanshu@gmail.com

Total Study Time: 0h 18m



Scan To Verify

Final Assessment Score:

Alison courses requires at least 80% to pass the final assessment

97%

CPD Hours Completed:

CPD approved learning hours completed through this course

0-1h

Course Information

Program development is a whole big pool that consists of several kinds of programming languages for developing applications. But research has shown that out of all of these, Python is the most versatile and universal programming language that can be used to develop programs that will help achieve almost any kind of task. It can be used for mobile applications, desktop applications, web development, hardware programming, and much more. Also, Python allows for more productivity and has a rich set of libraries and frameworks for program development. These are some key reasons why Python is so popular and is preferred by users who seek a multipurpose, yet productive programming language that they can use to develop applications. Are you someone that aspires to become proficient in developing programs with Python? Do you seek to learn and add Python programming skills to your pool of knowledge and use these skills to earn additional income? This Python course is designed to do just that and to help aspiring developers grasp the fundamentals of Python and begin their journey in becoming professional programmers. This Python programming for beginners course starts by introducing you to programming and Python and the reasons why it is so popular.

The next part examines the two kinds of programming languages and understand the kind that Python belongs to. The process for setting up your Python development environment will be discussed, describing the applications to download and where to download them from. You will learn about data types and variables, their characteristics and usage and move on to create your first program using several variables and different types of data. The next bit of content in this Python crash course discusses the elements and terminology starting with booleans, conditions, loops, lists, and bubble sorts, you will analyze what these are, studying their definitions as well as their uses with practical examples. This is followed by terms such as functions, scoping, recursion, tuples, and dictionaries together with some basic data processing that will be practised using the development tool. The following set of python fundamentals include modules, packages, strings, and exceptions/errors and using these, you will write a simple number guessing game for users to

play. Your Python studies move on to explore how to handle files in Python, writing and reading both ordinary and binary files, the types of variables and methods available in Python, classes and subclasses, and how inheritance along with the aspect of polymorphism works in Python. The next exciting part delves into Google APIs and you will learn how to build a personal voice assistant that will be able to listen and capture your voice commands, and then search through Google APIs and give feedback on the result of your query.

Python is a universal programming language with endless benefits and applications. If you as a professional want to add Python to your repertoire of programming skills or if you are simply curious about coding and want to learn how coding works, then Python and this Python for Beginners course is a great place to start.

Modules Studied

Module 1: The Basics of Python

Module 2: Data Types, Variables, and Basic Operations.

Module 3: Boolean, Conditions, Loop, and List Operations.

Module 4: Functions, Tuples, Dictionaries, and Data Processing.

Module 5: Modules, Packages, Strings, and Exceptions.

Module 6: Files and the Object Oriented Approach

Module 7: Course assessment