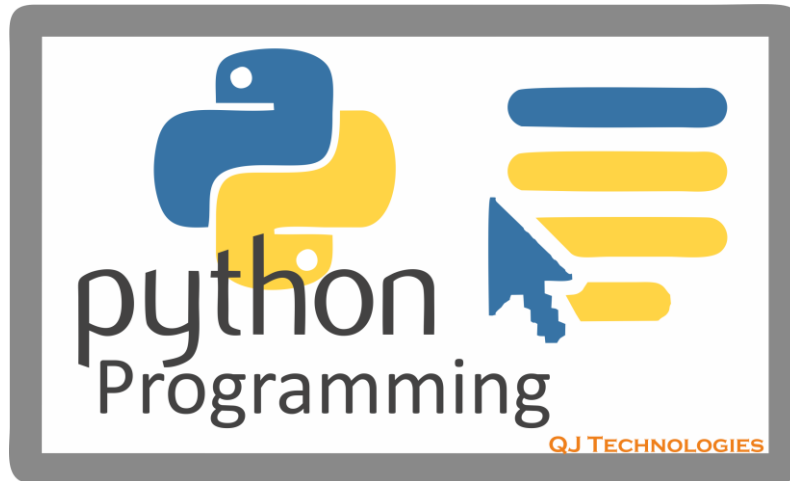




# QJ Technologies

PROPOSAL FOR



## Training Workshop

*“If you are motivated to attain the knowledge and enhance your programming skills using one of the most versatile programming language Python, this workshop is the right start.”*

### Contact:

 +91-920-950-5152

 [www.qjtechnologies.com](http://www.qjtechnologies.com)  [info@qjtechnologies.com](mailto:info@qjtechnologies.com)

 Off.No-509, Sterling Centre, Opp. Hotel Aurora Towers, MG Road, Camp, Pune.



### Workshop Description

Python Programming workshop by QJ Technologies, provides best and most relative contents required for making the participants comfortable with Python Programming Language. The workshop's main motive will be to help attendees get started with python programming language and motivate them to gain knowledge on deeper concepts of the language.

### Key Features of Workshop

- **Organized Content**

The contents of the workshop are properly organized and arranged for better understanding of the concepts and help them grasp new things faster and enhance their knowledge.

- **Best Illustration**

The concepts, codes and tools are well illustrated by our experts through slides and practical performance which will help the concepts to be cleared faster and solve all the doubts.

- **Documented Codes**

The codes demonstrated to the students will be fully documented, prepared by our team of experts.

- **Guaranteed Satisfaction**

Quality teaching is the most important factor we focus on. At end of the workshop, we will conduct a participant feedback. If the students are not satisfied with the workshop, we will refund 50% of the workshop fees back to the students.

- **Certificate and Toolkit**

The Participants will be provided with Certificate of Participation along with a tool-kit containing all the workshop material.



### Workshop Contents:-

The contents cover all the fundamental concepts to get the participants motivated and comfortable with programming in Python.

#### **11. Python Installation and Environment**

- a. Installing Python on Windows
- b. Installing Python on Linux
- c. Python Shell & IDLE

#### **12. Getting Started**

- a. Python Basics
- b. Algorithms and Programs
- c. Using the Text Editor

#### **13. Variables and Identifiers**

- a. Name Your Identifiers
- b. Descriptive Identifiers and Comments
- c. Variable Types
- d. Get Input from User

#### **14. Statements, Assignments, and Expressions**

#### **15. Operators**

- a. Arithmetic Operators and Precedence
- b. Relational Operators
- c. Logical Operators
- d. Membership Operators

#### **16. Conditions**

- a. Condition if else
- b. Condition if elif else

#### **17. Loops**

- a. While Loop
- b. For Loop
- c. Continue and Break
- d. Nested Loops

#### **1. Functions**

- a. Functions & Functions Analogy
- b. Modules

#### **2. Lists**

- a. List Basics
- b. List Manipulation
- c. List slicing

#### **3. Strings**

- a. Strings Basics
- b. Character Encoding
- c. String Methods

#### **4. Dictionaries**

- a. Dictionaries Basics
- b. Dictionary Methods

#### **5. File I/O**

- a. File IO
- b. File Access Modes
- c. File Position

#### **6. Tuples**

- a. Tuples
- b. Tuples in Function Returns

#### **7. Formatting**

- a. Formatting
- b. Formatting Positional
- c. Formatting Width Precision Type
- d. Formatting Sign

#### **8. More on Functions**

- a. Namespaces
- b. Scope
- c. Recursive Functions

#### **9. Error and Exception Handling**



# QJ Technologies

Python Programming Workshop



## Target Audience

Python Programming workshop is specifically designed for programmers who want to get started with Python Programming Language.

## Who can Attend?:

Attendee can be any person with basic knowledge of computers and programming.

## Duration:

2 Days(10:00 am to 5:00 pm)

## Certificate and Toolkit:


Attendees will receive a certificate of participation and toolkit containing all workshop material at the end of Workshop.

## Workshop Fees:

**Individual:** Rs. / attendee.

## Contact:

 +91-920-950-5152

 [www.qjtechnologies.com](http://www.qjtechnologies.com)     [info@qjtechnologies.com](mailto:info@qjtechnologies.com)

 Off.No-509, Sterling Centre, Opp. Hotel Aurora Towers, MG Road, Camp, Pune.

Website: [www.qjtechnologies.com](http://www.qjtechnologies.com)

Email: [info@qjtechnologies.com](mailto:info@qjtechnologies.com)