

Advance Your Career
Become Job ready
in 3-5 months

**Core
Python**



What is Core Python?

Python is the preferred language for Data Science and Machine language learning. Both of these fields are growing and hence its number 1 reason for learning python.

What They Do?

Desktop graphical application development including games, mathematical and scientific analysis of data and web and internet development.

Why Core Python?

Python is readable and simple. Automation can be done very fast
Lots of jobs in IT are related to python.



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Core Python – Career Track

Introduction to Python

- About Python
- What is debugginh
- First program

Variables, Expressions and Statements

- Values and types
- Variables names and keywords
- Evaluating expressions
- Operators and operands

Functions

- Function call
- Type conversion and type coercion
- Math functions
- Composition
- Adding new functions
- Parameters and arguments
- Stack diagram

Conditions and recursion

- The modulus operator
- Boolean expressions
- Logical operators
- Conditional operators
- Alternative execution
- Nested conditionals
- Recursion

Fruitful Functions

- Return values
- Composition
- Boolean functions



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Iterations	<ul style="list-style-type: none"> • Multiple assignment • While statement • Tables • Encapsulation and generalization • Local variables
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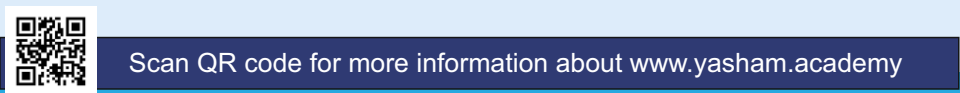
Strings	<ul style="list-style-type: none"> • Length • Traversal and for loop • String comparison • A find function • Looping and counting
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Lists	<ul style="list-style-type: none"> • List values • Accessing elements • List membership • Lists and for loop • List operations • List deletion • Objects and values • Cloning lists
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Tuples	<ul style="list-style-type: none"> • Mutability and tuples • Tuple assignment • Random numbers • Lists of random numbers • Dictionaries • Dictionary operations and methods • Aliasing and copying • Sparse matrices
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Dictionaries	<ul style="list-style-type: none"> • Dictionary operations and methods • Aliasing and copying • Sparse matrices • Hints • Long integers
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Check with our student counsellor for the next batch & enrol today



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