

Python Programming

1. Introduction to Python, key features, Python in Real World , Installing Python.
2. Python keywords and basic built-in functions, Numbers in Python.
3. Conditional Statements, Looping, Control Statements.
4. Strings and its methods, Lists and Tuples
5. Dictionary in Python
6. Set and its operations
7. Functions in Python and use of anonymous functions
8. Classes and Objects, OOPs concept
9. Iterators and generator in Python, Generator expression and its advantages
10. Regular expression and its examples
11. File Handling in Python, reading and write lines from the file
12. Exception handling in python
13. Multithreading in python
14. Linear search and Binary search using python
15. Bubble sort and Selection Sort Using Python
16. Python database connection with MySQL setup
17. Python Github contribution