

Python Course Curriculum

LEVEL 2

1. Interpreting vs compiling, Cloning turtle, lexical analysis.
scientific notation
2. Global variables, Random module, type conversions.
3. Usage of assignment operators, logical operators.
4. Comparison operators, identity operators, more built-in functions (index, sorted, keys, items, values).
5. Introduction to arrays concept, repetition.
6. Check if items exist in the lists and dictionaries, also use loops, lists in lists (matrices).
7. Arbitrary arguments, keyword arguments, pass list as an argument, return & yield keywords.
8. Introduction to Math module, tuple operations.
9. Range function for loop, module creation.
10. Set operations, date time module and work on files.
11. Python inheritance and make an interactive program using class and objects.
12. Project.