

Python: - 15 days -- 15 hrs

- Installation of Python
- Input and Output
- Built-in Functions
- Variables, Operators, Operands
- Numeric, Expressions
- Strings
- Data structures: Lists , Tuples , Dictionaries
- Conditionals and Boolean Logic
- Functions and Anonymous functions like lambda, map, filter, list comprehensions
- Modules and Libraries
- Data persistence using shelve, pickle, etc.,
- Files
- Errors and Exceptions
- Database Programming
- Regular Expressions
- Object Oriented Programming
- threads and multiprocessing
- Decorators and Iterators[generators