

List of Topics

MATLAB

- Functions
- Variables
- Complex variables, functions, and operations
- 1-D Arrays
- Plots
- Polynomials
- Linear algebra
- Custom functions
- Flow control: for and while loops
- Logical comparisons
- Conditionals

Python

- Data types and variables
- Different operators
- Strings and formatting
- Lists
- Tuples
- Sets
- Dictionaries
- Conditionals
- Loops
- Functions
- Exception handling
- Modules
- List comprehension
- File handling
- Object oriented programming
- Bitwise operators
- Higher order functions