Python Beginner course:

Day 1:

* Brief intro to python and programming.
* Hello world, data types and operators.
* Strings and string manipulation.
* Getting user input, printing and type conversions.

Day 2:

* Conditional statements and loops.
* Data structures – Lists
* Data structures – Dictionary
* Data structures – Tuples

Day 3:

* Exception handling
* File IO
* Functions and Classes
* Inheritance and abstraction.

Day 4:

* List comprehension
* Lambda functions
* Map, reduce and filter
* Big O notation

Day 5:

* Algorithms – Recursion
* Algorithms – Two pointers
* Algorithms – Greedy
* Regex expressions