Crash course – python

PYTHON DATA TYPES

* Immutable data type (static, can’t be changed once set)
  + Numbers
  + Strings
  + Tuples
* Mutable data types (can be changed by adding or removing parts)
  + Lists
  + Dictionary
  + Sets

EXAMPLES OF DATA TYPES (IMMUTABLE AND MUTABLE)

* Integers (int)
  + Whole numbers
  + Ex: 3
* Floating point (float)
  + Numbers with a decimal point
  + Ex: 100.0
* Strings (str)
  + Ordered sequence of characters
  + “Ex: “hello”
* Lists (list)
  + Ordered sequence of objects
  + Ex: [10, “hello, 200.3]
* Dictionaries (dict)
  + Unordered key:value pairs
  + Ex: {“mykey” : “value”, “name” : “Frankie”}
* Tuples (tup)
  + Ordered immutable sequence of objects
  + Ex: (10, “hello”, 200.3)
* Sets (set)
  + Unordered collection of unique objects
  + Ex: {“a”, “b”}
* Booleans (bool)
  + Logical value (true or false)
  + Ex: True