Python Tutorial #1 Outline

1. Data Types
   1. Strings
      1. Creation
      2. Referencing Part of a string
      3. Assignment
      4. String Methods
      5. String Format method
   2. Numeric Data Types
      1. Int
      2. Float
   3. Boolean data types
2. Data Structures
   1. Lists
      1. Creation
      2. Referencing part of a list
      3. Changing elements of a list
      4. Assignment
      5. Methods
   2. Range Objects
   3. Sets
      1. Creation
      2. Adding or removing items from a set
      3. Methods
3. Basic Python Math
4. Iteration and Iterators
   1. Iterating through a collection
   2. Iterating using a range object
5. Control Flow
   1. If Statements
   2. If, Else Statements
   3. If, Elif, Else Statements
   4. ‘and’ and ‘or’
   5. ‘in’ and ‘not in’
6. Functions
   1. Basic components
   2. Multiple variables
   3. Default Variables