

Solutions:

1) 4 5

2) A

3) They are all built in data structures, Lists have an order and are mutable. Tuples are the same way but they are not mutable. You can access values in tuples and lists by indexing. Dictionaries have no order. They are made of key value pairs where each key is unique and used to access associated values keys are immutable but the values aren't

4) <type 'dict'>

<type 'list'>

<type 'list'>

<type 'set'>

5) "Hello"

6) They are a special kind of data structure that are created from user made blueprints and they have to be imported from collections before you can create any.

7) There are obviously more these are just a few valid examples

1. A string is inputted for assignment, assignment is added to list

2. An int is inputted, nothing is added

3. A List is inputted, nothing is added