Assignment 4

Answer 1

[] is notation of a list. [] is an empty list.

Answer 2

Spam[2]=’hello’

Answer 3

8

Answer 4

10

Answer 5

[2,4’]

Answer 6

1

Answer 7

[3.14, 'cat', 11, 'cat', True, 99]

Answer 8

[3.14, 11, 'cat', True, 99]

Answer 9

List concatenation operator: +

List replication operator: \*

Answer 10

With append new element is added to the last position.

With insert new element is added at the specified position.

Answer 11

Clear() or pop() method can remove items from a list

Answer 12

String values and list values both can be indexed. They start with 0 index and end at n-1 index. Also they both have almost similar kind of functions on them.

Answer 13

Tuples are immutable. L=(2,4,65,7,5)

List is mutable L=[2,4,6,7,4]

Answer 14

(42,)

Answer 15

The tuple()and list() functions respectively

Answer 16

They contain references to list values.

Answer 17

Copy.copy() will do a shallow copy of a list

Copy.deepcopy() will perform a deep copy of the list