1 - [] is an empty list which can hold heterogeneous type of data.

2- spam[2] = ‘hello’

3- 3

4- 10

5- 2,4

6- 1

7- [3.14, 'cat', 11, 'cat', True, 99]

8- [3.14, 11, 'cat', True, 99]

9- List concatenation - ‘+’

List replication - ‘\*’

10- While append() will add values only to the end of a list, insert() can add them anywhere in the list.

11- The del statement and the remove() method

12- Both lists and strings can be passed to len(), have indexes and slices, be used in for loops, be concatenated or replicated, and be used with the in and not in operators.

13- Lists are mutable, tuples are immutable

14- (42,)

15- tuple() and list() respectively

16- They contain references to list values.

17- The copy.copy() function will do a shallow copy of a list, while the copy.deepcopy() function will do a deep copy of a list. That is, only copy.deepcopy() will duplicate any lists inside the list.