

CHAPTER 4

1. The square brackets are used to declare a list. A list begins with an opening square bracket and ends with a closing square bracket, [].
2. `spam[2]='hello'`
3. 3
4. D
5. `['a','b']`
6. 1
7. `[3.14, 'cat', 11, 'cat', True, 99]`
8. `[3.14, 'cat', 11, True]`
9. `+ * += *=`
10. `Append()` adds element to last position
11. `Del` and `remove()`
12. If the list has only one element
13. List is mutable whereas tuple is immutable.
14. `Tuple=(42)`
15. `X=tuple([1,2,3])` `X=list(('a' , 'b', 'c', 'd'))`
16. References to list
17. `copy.copy()`, can be used to make a duplicate copy of a mutable value like a list or dictionary, not just a copy of a reference. If the list you need to copy contains lists, then we use the `copy.deepcopy()` function.