1. Index brackets [] are used to slice a list or define a list in python or define a sequence in python.
2. Insert method -> spam.insert(2,’hello’)
3. d
4. d
5. [‘a’, ’b’]
6. 1
7. [3.14, ‘cat’, 11, ‘cat’, True, 99]
8. [3.14, 11, ‘cat’, True, 99]
9. Use of + for concatenation and \* for replication.
10. Append adds the item at the last of the list but insert method adds the item on the index specified inside the method call.
11. Remove() method and pop() method.
12. Lists are similar to strings as strings are also lists of stringed characters only. But the list can have different types of values but string s can have characters stringed together.
13. Tuples are immutable and lists are mutable….mutable means changeable
14. Tuple = (42, )
15. tuple1 = tuple(list1), list1 = list(tuple1)
16. Variables contain the references to the list values and not the values themselves.
17. Copy.copy just references the original object and assigns the reference to new object but deepcopy method copies the whole original object to the new variable so that if you change the contents of the variable it does not reflect in the original object.