1.[] – Represents a list with out elements

2. spam=[2,4,6,8,10] spam[2]=’hello’ output:[2,4,’hello’,6,8,10]

3.’d’

4.’d’

5.[‘a’,’b’]

6.index=1

7. [3.14, ‘cat’, 11, ‘cat’, True,99]

8. [3.14, 11, ‘cat’,True,99]

9.concatenation : +,replication : \*

10.append() insert()

Elements added at the end of list. Elements add at the specific position of list

Takes one argument : value Takes 2 arguments : index,value

l.append(12) l.insert(2,35)

11.remove() : removes first matched element.

Pop():removes element based on index

12.indexing is same in list and strings hence they are somewhat identical.

13.tuples lists

Immutable mutable

Denoted by () Denoted by []

(1,2,3,”hello”) [1,2,3,”hello”]

14.t=(42)

15.To convert tuples in to list we use list() function

T=(1,2,3)

l=list(T)

print(l) #[1,2,3]

16. List can contain integer,float,string,Boolean and also contain sub list,dictionaries

Tuples etc…

17.copy() : returns the shallow copy of list.

Decopy():returns the deep copy of list.

Both copy() and decopy() returns a list of same values.