1. l={}

type(l)

dict

1. d={'foo':42}

d[‘foo’]

42 #value of key ‘foo’

1. List is an ordered collection of index-value pair, Dictionary contains the data in the form of key-value pair using hash table structure. All the elements in the list are placed inside the square brackets [], dictionary contain all the key value pairs kept inside {}.
2. It gives key error when spam[‘foo’] is perfrmed.
3. ‘cat’ in spam & ‘cat’ in spam.keys() both will return True if ‘cat’ is any key in spam dictionary.
4. ‘cat’ in spam will return True if & only if ‘cat’ is any key in spam dictionary & ‘cat’ in spam.values() will return True if 7 only if ‘cat’ is any Value in spam dictionary.
5. Spam[‘color’]=’black’
6. 8.Suppose dictionary dict={1:2,”etc”:34}, its values can be printed using dict.values()