1. l = []

a = int(input('Enter your year '))

l.append(a)

for i in range(5):

a = a+1

l.append(a)

print(l)

o/p = [1997, 1998, 1999, 2000, 2001, 2002]

2. l[3]

3. l[-1]

4. things = ["mozzarella", "cinderella", "salmonella"]

5. things[1].capitalize()

No

6. surprise = ['Groucho', 'Chico', 'Harpo']

7. surprise[-1] = surprise[-1].lower()

surprise[-1] = surprise[-1][::-1]

surprise[-1].capitalize()

8. e2f = {'dog': 'chien', 'cat': 'chat', 'walrus': 'morse'}

9. e2f['walrus']

10. e2f = {'dog': 'chien', 'cat': 'chat', 'walrus': 'morse'}

f2e = {}

for i,j in e2f.items():

f2e[j] = i

print(f2e)

11. f2e['chien']

12. e2f.keys()

13. life = {

'animals': {

'cats': [

'Henri', 'Grumpy', 'Lucy'

],

'octopi': {},

'emus': {}

},

'plants': {},

'other': {}

}

14. print(list(life.keys()))

15. print(life['animals'].keys())

16. print(life['animals']['cats'])