1. years\_list = [1995, 1996, 1997, 1998, 1999, 2000]

2. My third birthday was in 1998, which is the third element in the years\_list.

3. The last element of the years\_list (2000) is the year when I was the oldest.

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

5. things[1] = things[1].capitalize()

print(things)

Output: `['mozzarella', 'Cinderella', 'salmonella']`

Yes, it changed the second element of the list to "Cinderella" with a capital "C".

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

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

print(surprise)

Output: `['Groucho', 'Chico', 'Oprah']’

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

print(e2f)

Output: `{'dog': 'chien', 'cat': 'chat', 'walrus': 'morse'}`

9. The French word for "walrus" is "morse". It is already in the e2f dictionary.

10. f2e = {}

for english, french in e2f.items():

f2e[french] = english

print(f2e)

Output: `{'chien': 'dog', 'chat': 'cat', 'morse': 'walrus'}`

11. print(f2e["chien"])

Output: `dog`

12. english\_words = set(e2f.keys())

print(english\_words)

Output: `{'walrus', 'cat', 'dog'}`

13. life = {"animals": {"cats": ["Henri", "Grumpy", "Lucy"], "octopi": {}, "emus": {}},

"plants": {},

"other": {}}

14. print(life.keys())

Output: `dict\_keys(['animals', 'plants', 'other'])`

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

Output: `dict\_keys(['cats', 'octopi', 'emus'])`

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

Output: `['Henri', 'Grumpy', 'Lucy']`