1. years\_list = [1995, 1996, 1997, 1998, 1999, 2000]
2. My third birthday was in the year 1998.
3. I was the oldest in the year 2000.
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.

1. surprise = ["Groucho", "Chico", "Harpo"]
2. surprise[-1] = surprise[-1].lower()[::-1].capitalize()

print(surprise)

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

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

print(e2f)

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

1. morse
2. f2e = {}

for key, value in e2f.items():

f2e[value] = key

print(f2e)

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

1. dog
2. english\_words = set(e2f.keys())

print(english\_words)

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

life = {

"animals": {

"cats": ["Henri", "Grumpy", "Lucy"],

"octopi": {},

"emus": {}

},

"plants": {},

"other": {}

}

1. print(list(life.keys()))

Output: ['animals', 'plants', 'other']

1. print(list(life["animals"].keys()))

Output: ['cats', 'octopi', 'emus']

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

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