

1. Create a list called `years_list`, starting with the year of your birth, and each year thereafter until the year of your fifth birthday. For example, if you were born in 1980. the list would be `years_list = [1980, 1981, 1982, 1983, 1984, 1985]`.

```
years_of_age = [1990,1991,1992,1993,1994,1995]
```

2. In which year in `years_list` was your third birthday? Remember, you were 0 years of age for your first year.

```
1993
```

3. In the years list, which year were you the oldest?

```
1995
```

4. Make a list called `things` with these three strings as elements: "mozzarella", "cinderella", "salmonella".

```
things = ["mozzarella","cinderella","salmonella"]
```

5. Capitalize the element in `things` that refers to a person and then print the list. Did it change the element in the list?

No, since I did not assign back to list.

6. Make a surprise list with the elements "Groucho," "Chico," and "Harpo."

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

7. Lowercase the last element of the surprise list, reverse it, and then capitalize it.

```
(surprise[2].lower()[::-1]).capitalize()
```

8. Make an English-to-French dictionary called `e2f` and print it. Here are your starter words: dog is chien, cat is chat, and walrus is morse.

```
e2f = {"dog":'Chien',"cat":'chat',"walrus":'morse'}
```

9. Write the French word for walrus in your three-word dictionary `e2f`.

```
e2f['walrus']
```

Output - 'morse'

10. Make a French-to-English dictionary called `f2e` from `e2f`. Use the `items` method.

```
f2e = dict((key,value) for value,key in e2f.items())
```

11. Print the English version of the French word `chien` using `f2e`.

```
f2e['chien']
```

12. Make and print a set of English words from the keys in `e2f`.

```
e2f.keys()
```

13. Make a multilevel dictionary called life. Use these strings for the topmost keys: 'animals', 'plants', and 'other'. Make the 'animals' key refer to another dictionary with the keys 'cats', 'octopi', and 'emus'. Make the 'cats' key refer to a list of strings with the values 'Henri', 'Grumpy', and 'Lucy'. Make all the other keys refer to empty dictionaries.

```
life = {'animals': {'cat': ['Henri', 'Grumpy', 'Lucy'],  
                    'octopi': '', 'emus': ''},  
        'plants': '',  
        'other': '' }
```

14. Print the top-level keys of life.

```
life.keys()
```

15. Print the keys for life['animals'].

```
life['animals'].keys()
```

16. Print the values for life['animals']['cats']

```
life['animals']['cat']
```