 **Create a list of years from your birth year to your fifth birthday:**

Suppose you were born in 1990:

python

Copy code

birth\_year = 1990

years\_list = [year for year in range(birth\_year, birth\_year + 6)]

print(years\_list) # Outputs [1990, 1991, 1992, 1993, 1994, 1995]

 **Find the year of your third birthday:**

python

Copy code

# If your birth year is 1990

third\_birthday\_year = years\_list[3]

print(third\_birthday\_year) # Outputs 1993

 **Find the year when you were the oldest:**

* Since you would be the oldest in the last year of the list:

python

Copy code

oldest\_year = years\_list[-1]

print(oldest\_year) # Outputs 1995

 **Create a list called things with specified elements:**

python

Copy code

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

print(things) # Outputs ['mozzarella', 'cinderella', 'salmonella']

 **Capitalize the element in things that refers to a person and print the list:**

* Here, "cinderella" refers to a person:

python

Copy code

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

print(things) # Outputs ['mozzarella', 'Cinderella', 'salmonella']

* The element in the list changes.

 **Create a surprise list:**

python

Copy code

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

print(surprise) # Outputs ['Groucho', 'Chico', 'Harpo']

 **Lowercase, reverse, and capitalize the last element of the surprise list:**

python

Copy code

last\_element = surprise[-1].lower()

reversed\_last\_element = last\_element[::-1].capitalize()

print(reversed\_last\_element) # Outputs 'Oprah'

 **Create an English-to-French dictionary and print it:**

python

Copy code

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

print(e2f) # Outputs {'dog': 'chien', 'cat': 'chat', 'walrus': 'morse'}

 **Write the French word for walrus in the dictionary e2f:**

python

Copy code

french\_walrus = e2f['walrus']

print(french\_walrus) # Outputs 'morse'

 **Create a French-to-English dictionary from e2f:**

python

Copy code

f2e = {v: k for k, v in e2f.items()}

print(f2e) # Outputs {'chien': 'dog', 'chat': 'cat', 'morse': 'walrus'}

 **Print the English version of the French word 'chien' using f2e:**

python

Copy code

english\_chien = f2e['chien']

print(english\_chien) # Outputs 'dog'

 **Make and print a set of English words from the keys in e2f:**

python

Copy code

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

print(english\_words\_set) # Outputs {'dog', 'cat', 'walrus'}

 **Create a multilevel dictionary called life:**

python

Copy code

life = {

'animals': {

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

'octopi': {},

'emus': {}

},

'plants': {},

'other': {}

}

 **Print the top-level keys of life:**

python

Copy code

print(life.keys()) # Outputs dict\_keys(['animals', 'plants', 'other'])

 **Print the keys for life['animals']:**

python

Copy code

print(life['animals'].keys()) # Outputs dict\_keys(['cats', 'octopi', 'emus'])

 **Print the values for life['animals']['cats']:**

python

Copy code

print(life['animals']['cats']) # Outputs ['Henri', 'Grumpy', 'Lucy']