Lists-Chapter 8

Each element in a list can be a different type such as strings, integers, floats, or even other lists.

my\_list = [‘hello’, -4.2, 5] CLI

The user creates a new list

my\_list = [‘hello’, -4.2, 5] Python interpreter

interpreter creates a new object for each list element

Diagram

Description automatically generated

my\_list holds references to objects in the list

Oldest person List:

#contains list of oldest people

oldest\_people = [122, 119, 117, 117, 116]

#user inputs a number to id age from list

nth\_person = int(input('Enter N (1-5): '))

len\_person = len(oldest\_people)

if (nth\_person >= 1) and (nth\_person <= 5):

print(f'The {nth\_person}th oldest person lived {oldest\_people[nth\_person-1]} years')

elif ( )

else:

print(f’There are only {f’There are only {len\_people} in this list}