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In [2]: # Create a List, Tuple, and Dictionary with 5 elements each
my_list = [10, 20, 30, 40, 50] # List
my_tuple = ("apple", "banana", "cherry", "date", "elderberry") # Tuple
my_dict = {"a": 1, "b": 2, "c": 3, "d": 4, "e": 5} # Dictionary

# Access elements in the List
print("List Element at Index 0:", my_list[0]) # Access first element
print("List Element at Index 3:", my_list[3]) # Access fourth element
print("List Slice (Index 1 to 3):", my_list[1:4]) # Access a slice

# Access elements in the Tuple
print("Tuple Element at Index 2:", my_tuple[2]) # Access third element
print("Tuple Element at Index -1:", my_tuple[-1]) # Access last element
print("Tuple Slice (Index 0 to 2):", my_tuple[0:3]) # Access a slice

# Access elements in the Dictionary
print("Dictionary Element for Key 'a':", my_dict["a"]) # Access value for key 'a'
print("Dictionary Element for Key 'd':", my_dict["d"]) # Access value for key 'd'
print("Dictionary Keys:", list(my_dict.keys())) # Get all keys
print("Dictionary Values:", list(my_dict.values())) # Get all values
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List Element at Index 0: 10
List Element at Index 3: 40
List Slice (Index 1 to 3): [20, 30, 40]
Tuple Element at Index 2: cherry
Tuple Element at Index -1: elderberry
Tuple Slice (Index 0 to 2): ('apple', 'banana', 'cherry')
Dictionary Element for Key 'a': 1
Dictionary Element for Key 'd': 4
Dictionary Keys: ['a', 'b', 'c', 'd', 'e']
Dictionary Values: [1, 2, 3, 4, 5]
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In []:

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