Create a List, tuple and Dictionary with 5 elements in it and how to access few elements based on the index. Try with different examples

# Creating a list with 5 elements

my\_list = [10, 20, 30, 40, 50]

# Accessing elements based on index

first\_element = my\_list[0] # 10

third\_element = my\_list[2] # 30

last\_element = my\_list[-1] # 50

# Creating a tuple with 5 elements

my\_tuple = (100, 200, 300, 400, 500)

# Accessing elements based on index

first\_element = my\_tuple[0] # 100

third\_element = my\_tuple[2] # 300

last\_element = my\_tuple[-1] # 500

# Creating a dictionary with 5 key-value pairs

my\_dict = {

'a': 1,

'b': 2,

'c': 3,

'd': 4,

'e': 5

}

# Accessing elements based on keys (dictionary doesn't use index, it uses keys)

value\_of\_a = my\_dict['a'] # 1

value\_of\_c = my\_dict['c'] # 3

value\_of\_e = my\_dict['e'] # 5