nested\_list = [[1, 2, 3], [4, 5, 6], [7, 8, 9]]

length\_of\_list = len(nested\_list)

print(f"Length of the nested list: {length\_of\_list}")

list1 = [1, 2, 3]

list2 = [4, 5, 6]

concatenated\_list = list1 + list2

print(f"Concatenated List: {concatenated\_list}")

is\_member = 3 in list1

print(f"Is 3 in list1? {is\_member}")

print("Iterating through the nested list:")

for sublist in nested\_list:

for item in sublist:

print(item, end=' ')

print()

first\_element = nested\_list[0][0]

sliced\_list = nested\_list[1:]

print(f"First element: {first\_element}")

print(f"Sliced List: {sliced\_list}")