**Implement a program that performs common operations on a list** (e.g., sorting, reversing, appending, and slicing).

# Initialize a sample list

my\_list = [3, 1, 4, 1, 5, 9, 2, 6, 5, 3, 5]

# Print the original list

print("Original List:", my\_list)

# Sort the list

sorted\_list = sorted(my\_list)

print("Sorted List:", sorted\_list)

# Reverse the list

reversed\_list = list(reversed(my\_list))

print("Reversed List:", reversed\_list)

# Append an element to the list

my\_list.append(7)

print("List after Appending 7:", my\_list)

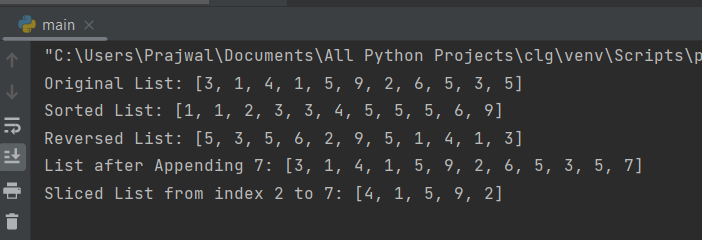
# Slice the list

start\_index = 2

end\_index = 7

sliced\_list = my\_list[start\_index:end\_index]

print(f"Sliced List from index {start\_index} to {end\_index}:", sliced\_list)

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