### **2.)Find the Difference Between Two Lists**

def list\_difference(list1, list2):

return [item for item in list1 if item not in list2]

# Example usage

list1 = [1, 2, 3, 4, 5]

list2 = [2, 4, 6]

diff = list\_difference(list1, list2)

print("Difference (elements in list1 but not in list2):", diff)

**Output:**

Difference (elements in list1 but not in list2): [1, 3, 5]