### **3.)Find the Intersection of Two Lists**

def list\_intersection(list1, list2):

return [item for item in list1 if item in list2]

# Example usage

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

list2 = [2, 4, 6]

common = list\_intersection(list1, list2)

print("Intersection (common elements):", common)

**Output:**

Intersection (common elements): [2, 4]