### **11.)Shuffle a List Randomly**

import random

def shuffle\_list(lst):

random.shuffle(lst)

return lst

# Example usage

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

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

shuffled = shuffle\_list(my\_list.copy()) # use .copy() to preserve the original

print("Shuffled list:", shuffled)

**Output:**

Original list: [1, 2, 3, 4, 5, 6]

Shuffled list: [4, 1, 6, 2, 5, 3]