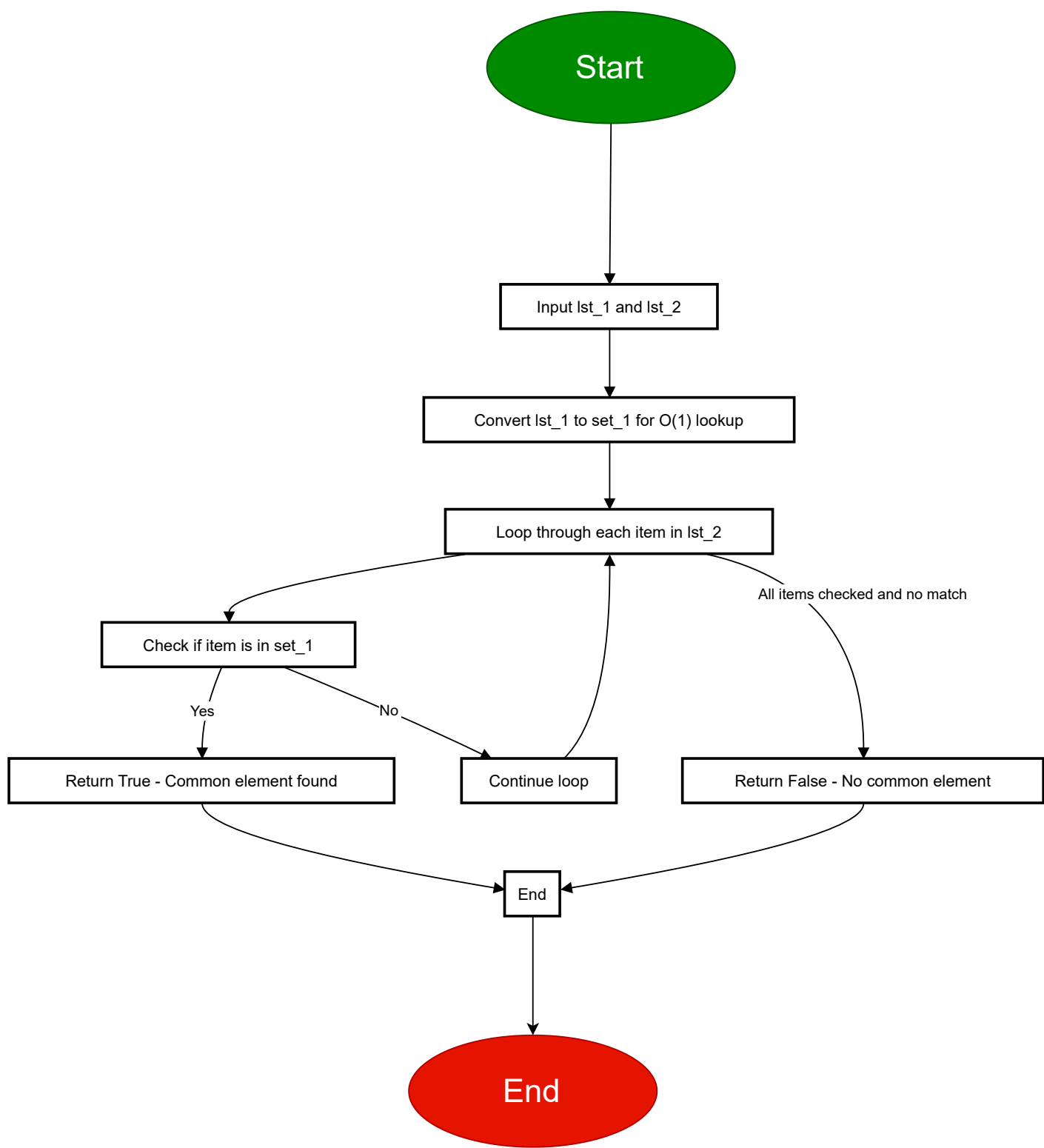
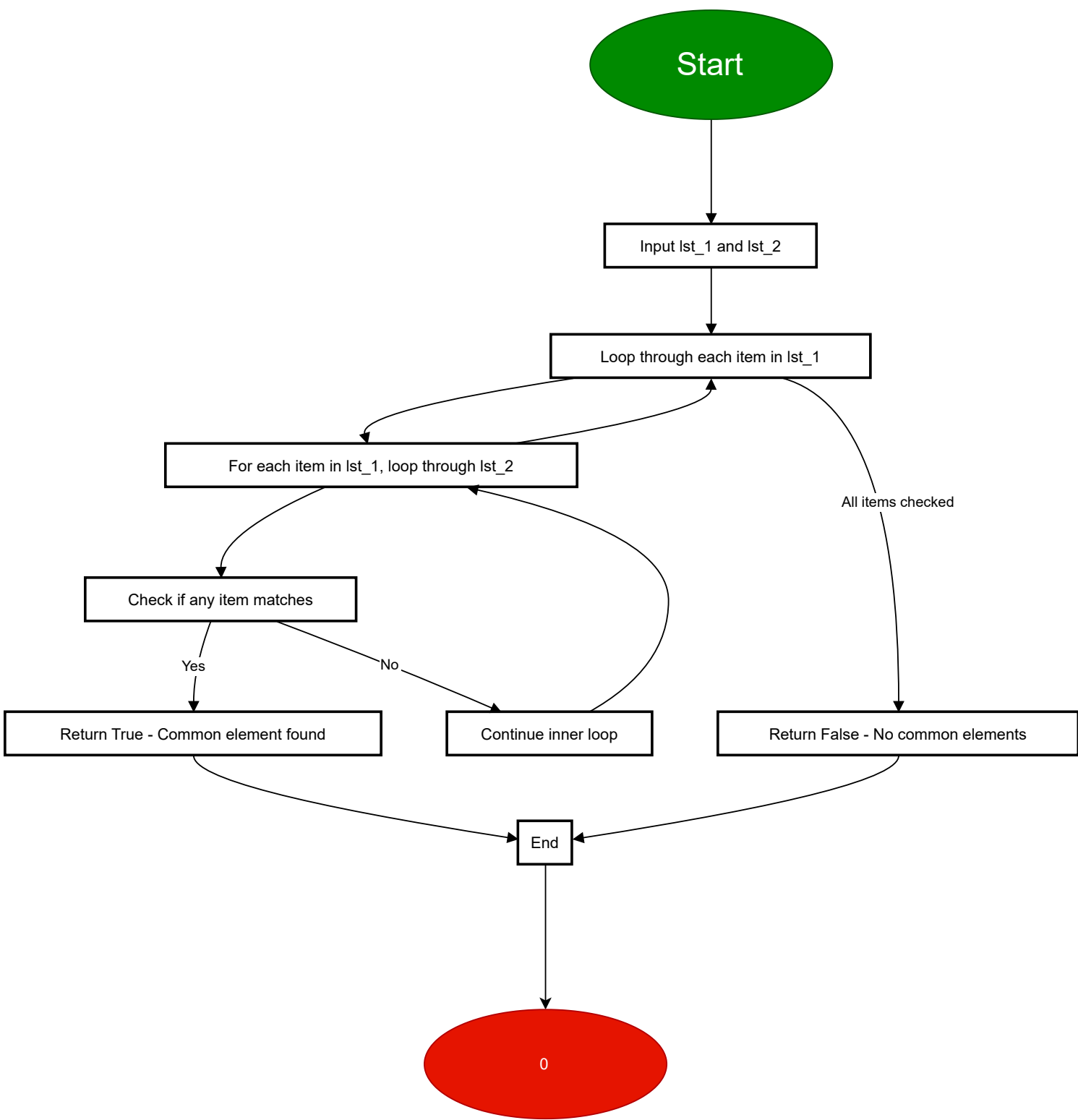


12. Write a program that takes two lists and returns True if they have at least one common member.

Method : 1



Method : 2



```
# A. Write a program that takes two lists and returns True if they have at least
# one common member.

#method 1 - ---  O(n) O(n)
def lst(lst_1, lst_2):
    set_1 = set(lst_1)
    for i in lst_2:
        if i in set_1:
            return True
    return False

# Method --- 2      -----      time O(n * m) space O(1)
# def lst(lst_1, lst_2):
#     for i in lst_1:
#         for j in lst_2:
#             if i == j:
#                 return True
#     return False

lst_1 = [1,2,3,4,6,6,7]
lst_2 = [5,6,7,8,9,6,7]
result = lst(lst_1, lst_2)
print(result)
```