Write a python program which takes a list and return a list with the elements shifted left by one positions so [1,2,3] yields [2,3,1]

def shift\_left(lst):

if len(lst) < 2:

return lst

else:

return lst[1:] + [lst[0]]

# Example usage

original\_list = [1, 2, 3]

shifted\_list = shift\_left(original\_list)

print(shifted\_list)

Output:

[2,3,1]

Write a Python program to remove the first occurrence of a specified element from an array

def remove\_first\_occurrence(arr, element):

if element in arr:

arr.remove(element)

return arr

input\_array = input("Enter the array elements (space-separated): ").split()

array = [int(num) for num in input\_array]

element\_to\_remove = int(input("Enter the element to remove: "))

updated\_array = remove\_first\_occurrence(array, element\_to\_remove)

print("Updated Array:", updated\_array)

Output

Enter the array elements (space-separated): 1 2 3 4 3 5

Enter the element to remove: 3

Updated Array: [1, 2, 4, 3, 5]