3. Create a python program to implement linear search on array.

def linear\_search(arr, target):

for index in range(len(arr)):

if arr[index] == target:

return index

return -1

# Example usage

if \_\_name\_\_ == "\_\_main\_\_":

# Sample array

arr = [10, 25, 30, 45, 50, 60]

# Input from user

target = int(input("Enter the element to search: "))

# Perform search

result = linear\_search(arr, target)

# Output result

if result != -1:

print(f"Element found at index {result}")

else:

print("Element not found in the array")