def selection\_sort(arr):

n = len(arr)

# Traverse through all array elements

for i in range(n):

# Find the minimum element in the unsorted portion of the array

min\_idx = i

for j in range(i+1, n):

if arr[j] < arr[min\_idx]:

min\_idx = j

# Swap the found minimum element with the first element

arr[i], arr[min\_idx] = arr[min\_idx], arr[i]

return arr

# Example usage:

arr = [64, 25, 12, 22, 11]

sorted\_arr = selection\_sort(arr)

print("Sorted array is:", sorted\_arr)