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In [2]: import numpy as np

# Step 1: Convert the List to a NumPy array
my_list = [1, 2, 3, 4, 5]
my_array = np.array(my_list)

# Step 2: Display the array
print("Array:", my_array)

# Step 3: Display the first and last elements
print("First element:", my_array[0])
print("Last element:", my_array[-1])

# Step 4: Multiply each element by 2 and display the result
doubled_array = my_array * 2
print("Array after doubling each element:", doubled_array)
```

Array: [1 2 3 4 5]

First element: 1

Last element: 5

Array after doubling each element: [2 4 6 8 10]