**Python Program to find the length of the list using Recursion.**

def length(a):

if len(a)==0:

return 0

else:

return 1+length(a[1:])

a = [2, 4, 8, 4, 6, 3, 5, 7, 2, 3, 8, 1, 3, 6, 9, 4, 3, 5, 8, 4, 1, 2]

print("The Length Of The List Is: ", length(a))

**Output:**

