nums = [int(input(f"Enter number {i+1}: ")) for i in range(4)]

pos\_nums = [num for num in nums if num > 0]

neg\_nums = [num for num in nums if num < 0]

print("Sum of positive numbers:", sum(pos\_nums))

print("Average of positive numbers:", sum(pos\_nums)/len(pos\_nums) if pos\_nums else 0)

print("Sum of negative numbers:", sum(neg\_nums))

print("Average of negative numbers:", sum(neg\_nums)/len(neg\_nums) if neg\_nums else 0)