positive\_sum = 0

negative\_sum = 0

positive\_count = 0

negative\_count = 0

for \_ in range(4):

num = int(input("Enter a number: "))

if num > 0:

positive\_sum += num

positive\_count += 1

elif num < 0:

negative\_sum += num

negative\_count += 1

positive\_avg = positive\_sum / positive\_count if positive\_count > 0 else 0

negative\_avg = negative\_sum / negative\_count if negative\_count > 0 else 0

print(f"Sum of positive numbers: {positive\_sum}, Average: {positive\_avg}")

print(f"Sum of negative numbers: {negative\_sum}, Average: {negative\_avg}")