Problem 1: Calculate the Sum of Natural Numbers

Start → Input n → Initialize sum=0 → for loop i=1 to n → add i to sum → print sum → End
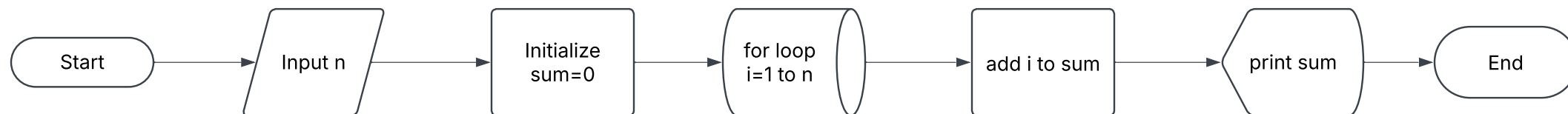
Problem 2: Check for Prime Number

Strat → Input n → If n<=1 —Yes→ Print "Not Prime" → End

If n<=1 —No→ for loop i=2 to sqrt(n) → If n is divisible by i —Yes→ Print "Not Prime" → End

If n is divisible by i —No→ Print "Prime" → End
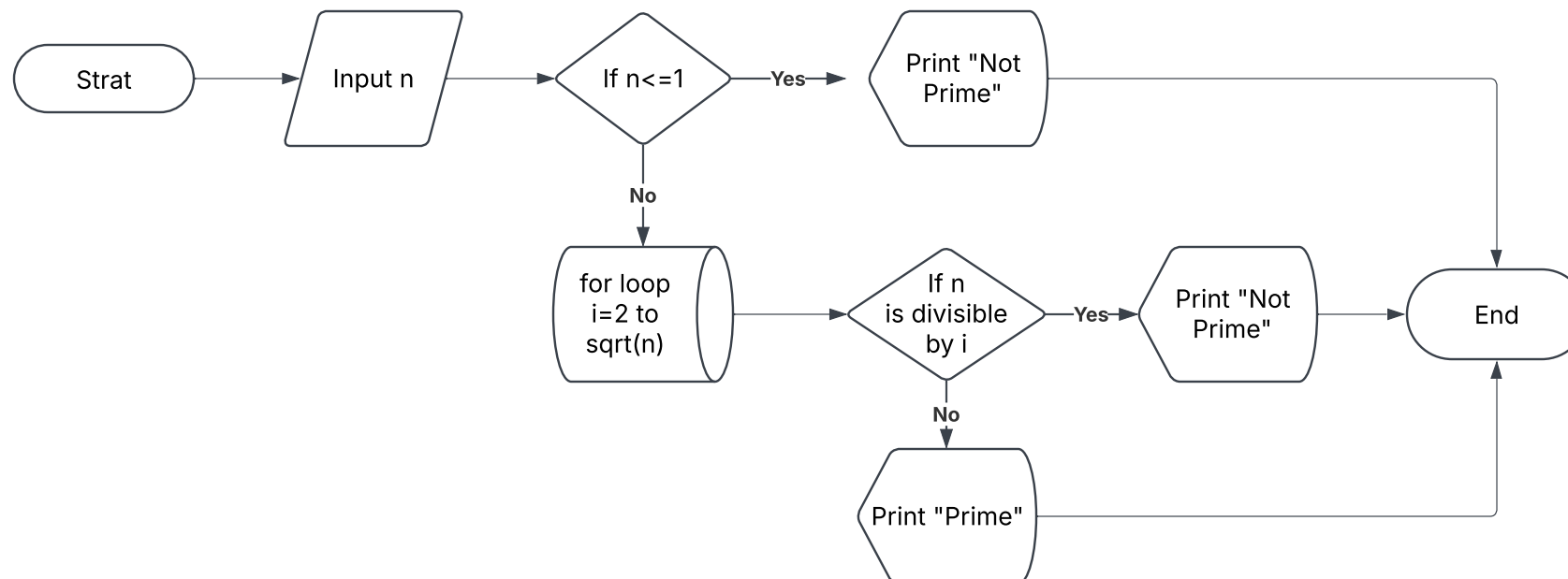
Problem 3: Find the Maximum of Three Numbers

Start → Input a,b,c → Set max_num=a → If b>max_num —Yes→ set max_num=b → Print max_num → End

If b>max_num —No→ If c>max_num —Yes→ Set max_num=c → Print max_num → End