Problem 1: Calculate the Sum of Natural Numbers

START → Input n → sum = 0 → for i in 1 to n+1

- for i in 1 to n+1 — No → Print sum → STOP
- for i in 1 to n+1 — Yes → sum = sum+i
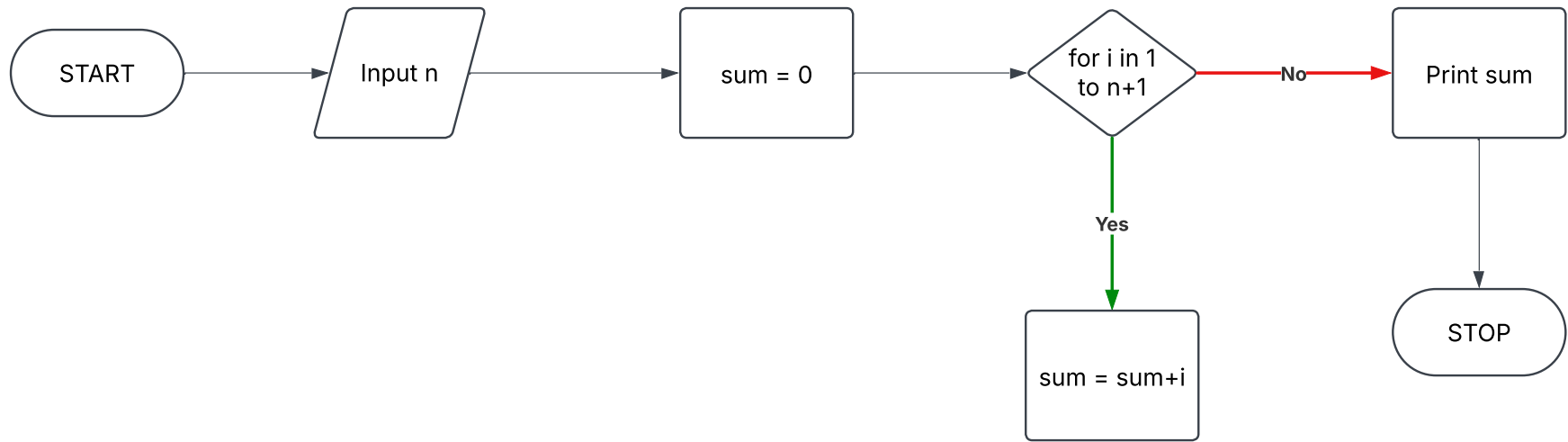
Problem 2: Check for Prime Number

START → Input n → For i in 2 to n

- For i in 2 to n — No → Print Prime → STOP
- For i in 2 to n — Yes → If n%i==0
- If n%i==0 — No → For i in 2 to n
- If n%i==0 — Yes → Print Not a Prime → STOP
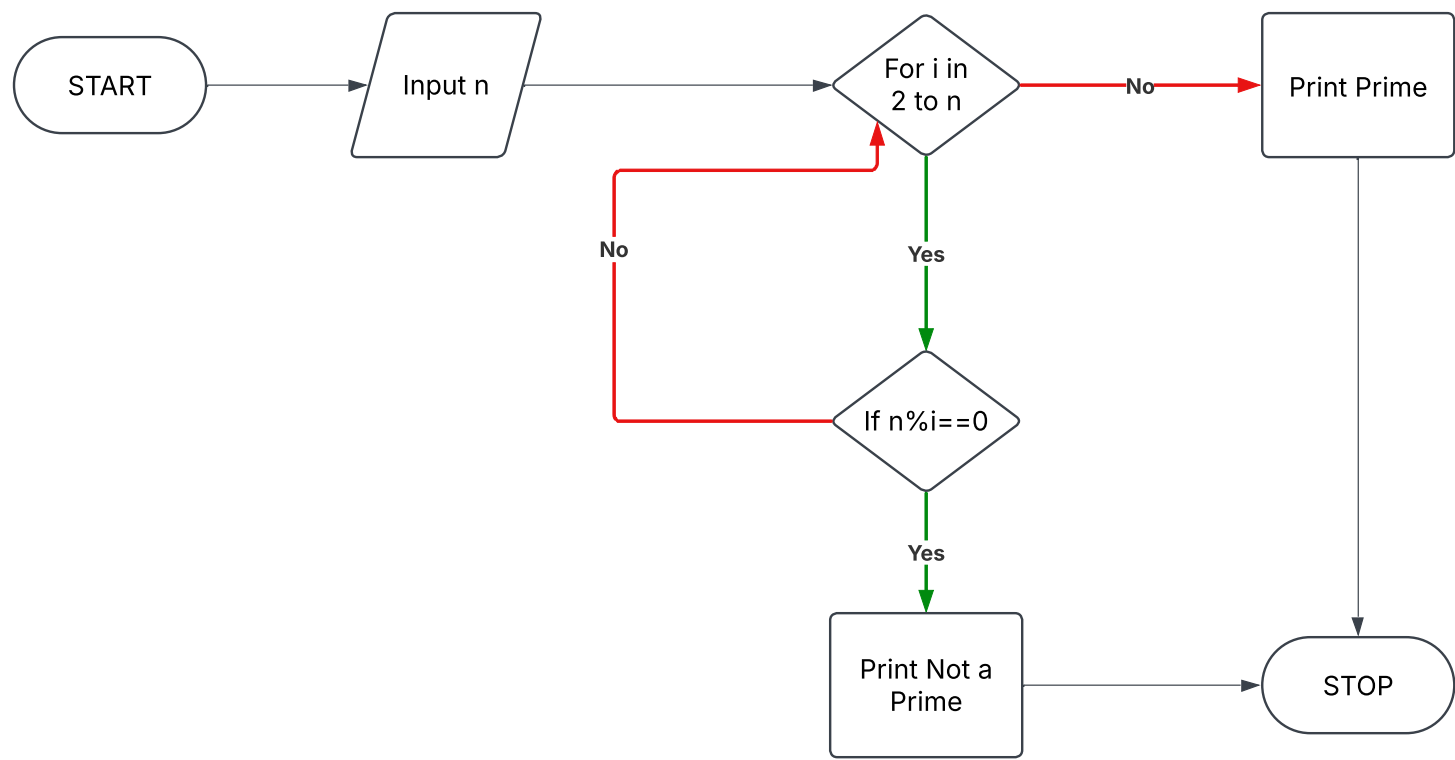
Problem 3: Find the Maximum of Three Numbers

START → Input a,b,c → If a>b

- If a>b — Yes → If a>c
  - If a>c — No → Print c is largest → STOP
  - If a>c — Yes → Print a is largest → STOP
- If a>b — No → If b>c
  - If b>c — Yes → Print b is largest → STOP
  - If b>c — No → Print c is largest → STOP