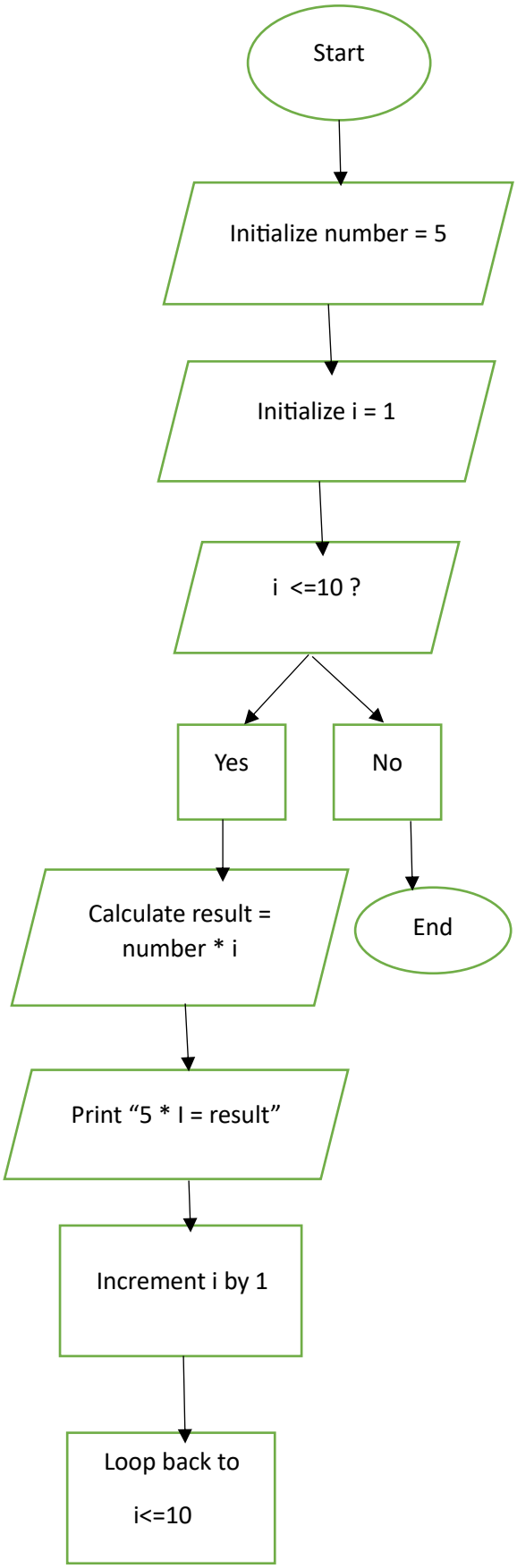
Algorithm:

1. Start
2. Initialize: Set number to 5.
3. Initialize: Set i to 1.
4. Loop: Repeat while i is less than or equal to 10:
    - Calculate: Compute result = number * i.
    - Print: Display the result in the format "5 x i = result".
    - Increment: Increase i by 1.
5. End

Flowchart to Print the Table of 5

1. Start
2. Initialize number = 5
    - Symbol: Rectangle (Process)
3. Initialize i = 1
    - Symbol: Rectangle (Process)
4. Is i <= 10?
    - Symbol: Diamond (Decision)
    - Yes: Proceed to the next step
    - No: Go to End
5. Calculate result = number * i
    - Symbol: Rectangle (Process)
6. Print "5 x i = result"
    - Symbol: Parallelogram (Input/Output)
7. Increment i by 1
    - Symbol: Rectangle (Process)
8. Go back to step 4 (loop)
    - Symbol: Arrow connecting back to the Decision symbol
9. End

Flowchart:


Start
Initialize number = 5
Initialize i = 1
i <=10 ?
Yes
No
Calculate result = number * i
End
Print “5 * I = result”
Increment i by 1
Loop back to i<=10