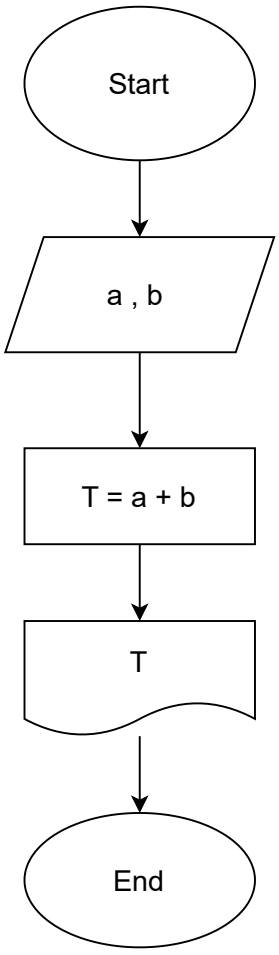
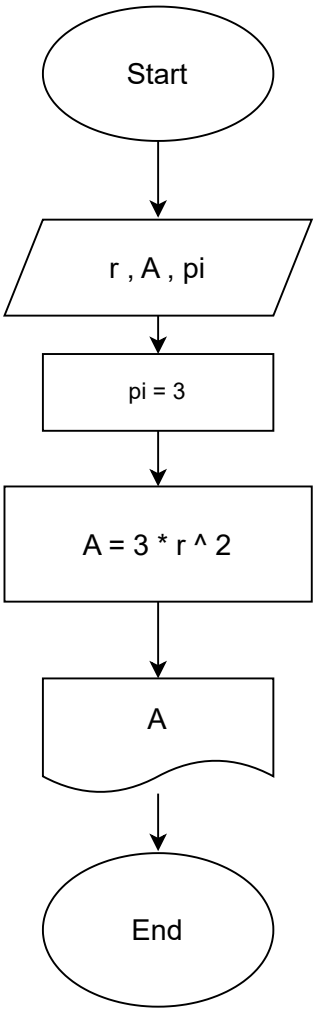
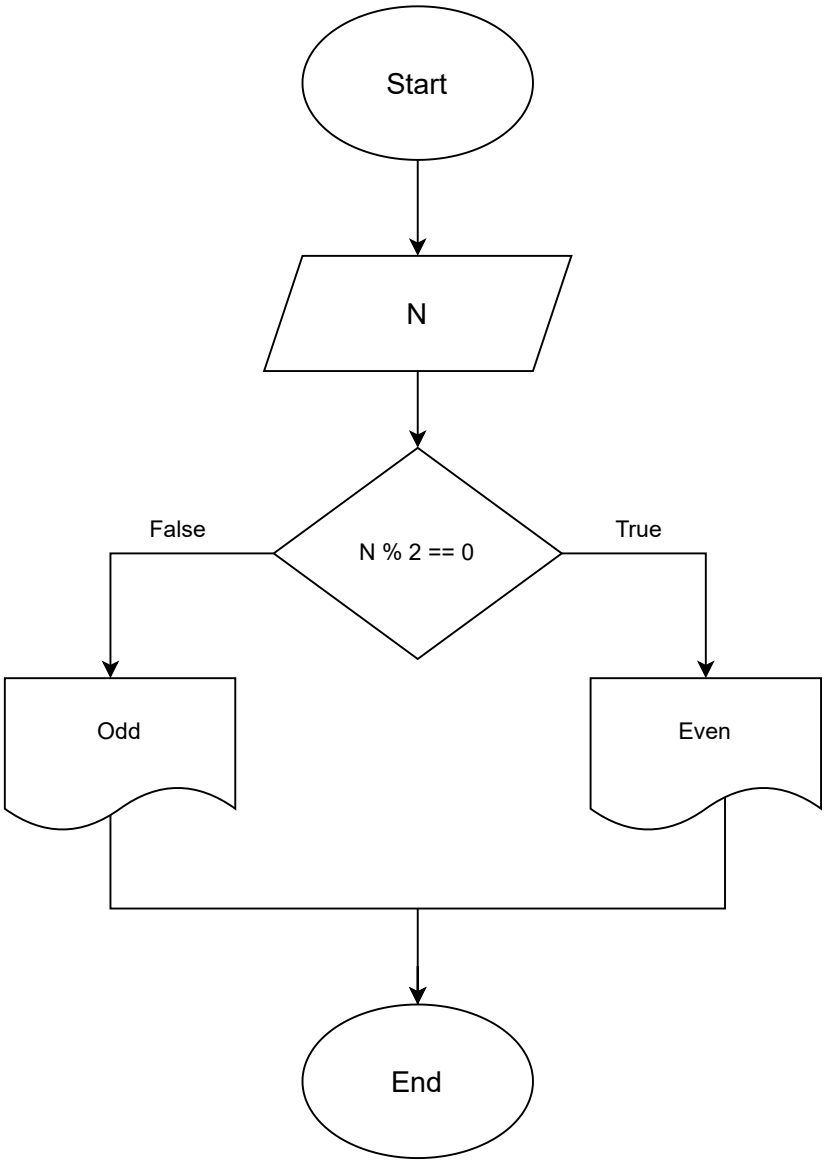
1. Draw a flowchart to add two numbers entered by user.



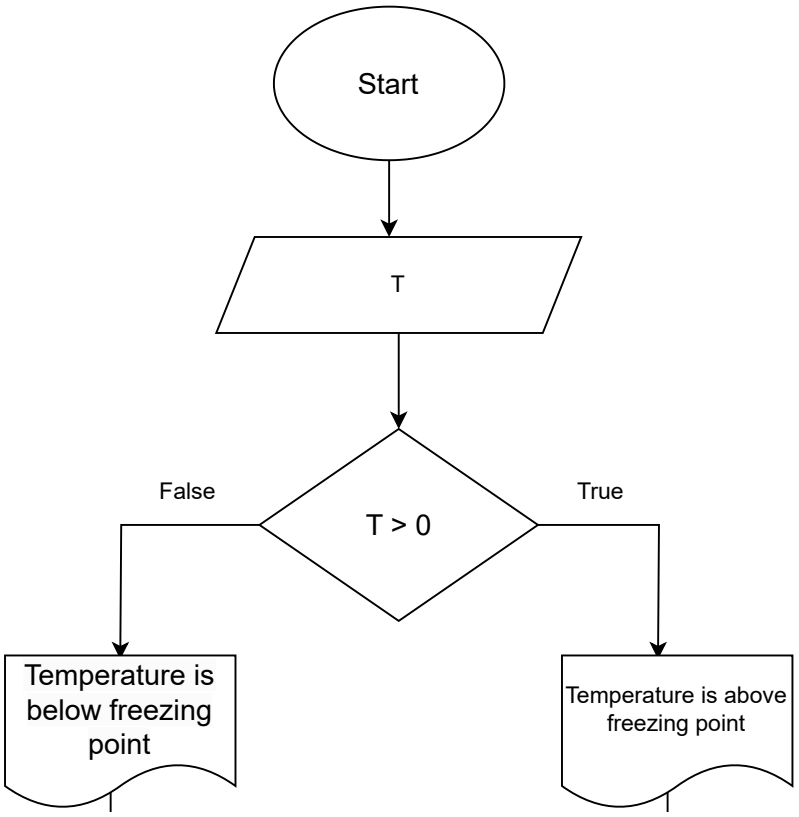
2 . Calculate the area of a circle with given radius.

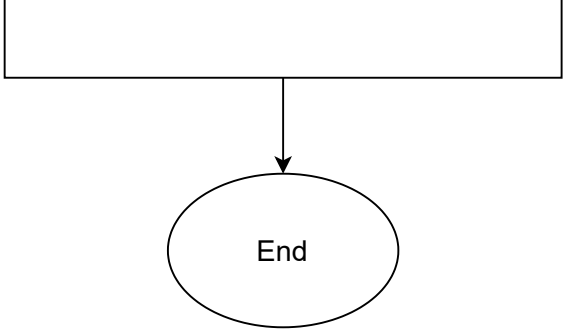


3. Determine and Output Whether Number N is Even or Odd.

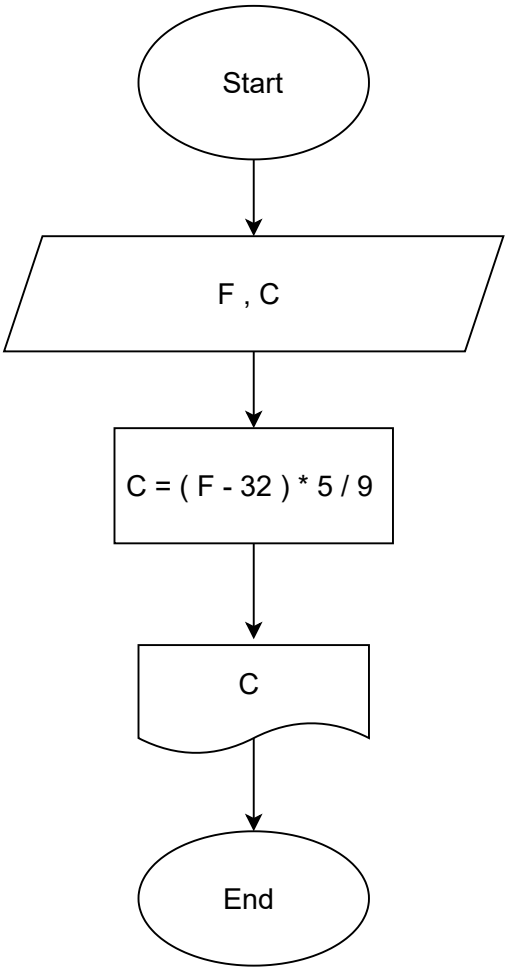


4. Determine Whether a Temperature is Below or Above the Freezing Point.

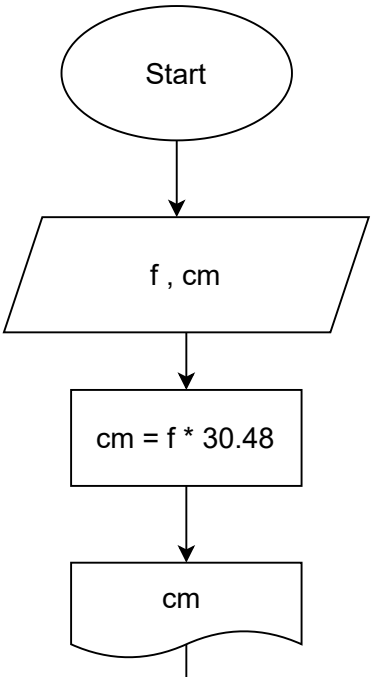


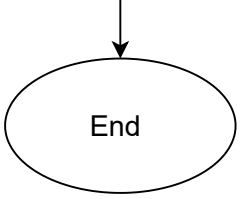


5. Convert Temperature from Fahrenheit (℉) to Celsius (℃).

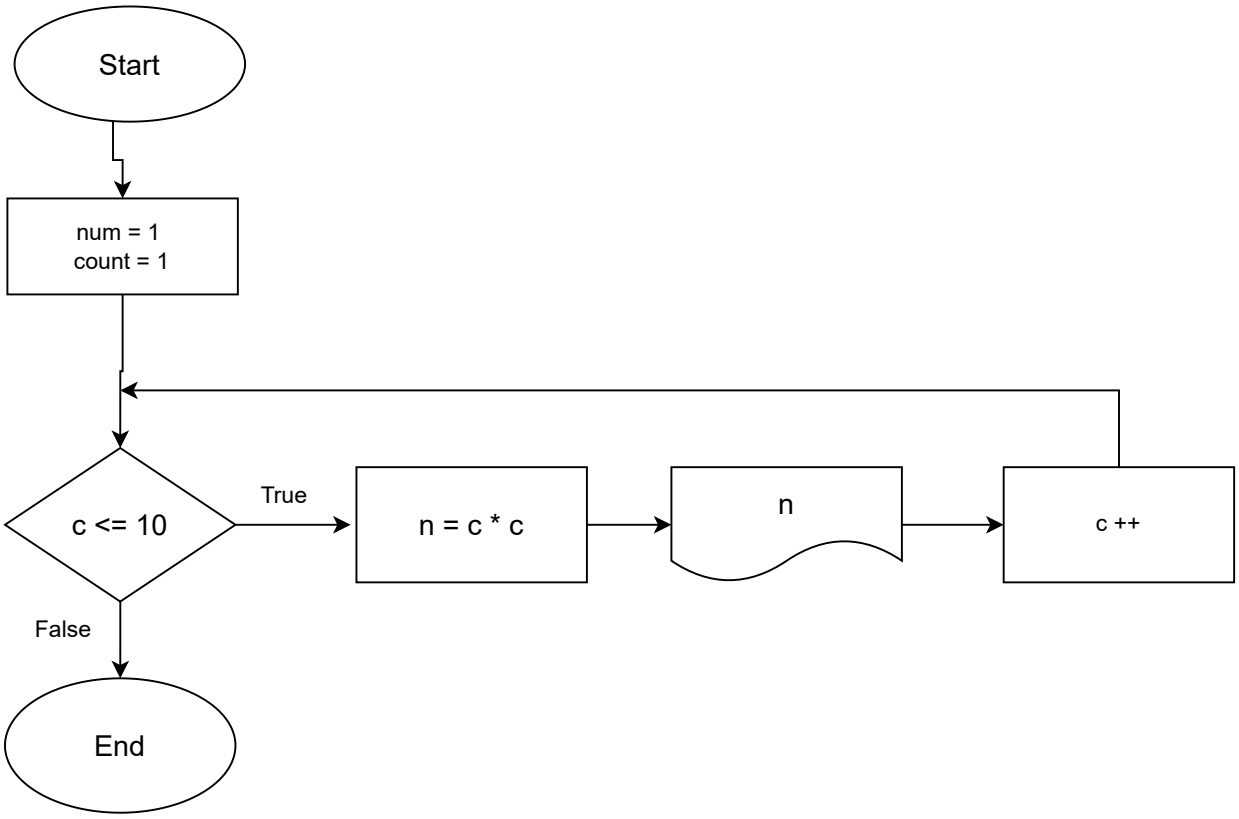


6. Write an algorithm and draw a flowchart to convert the length in feet to centimeter.

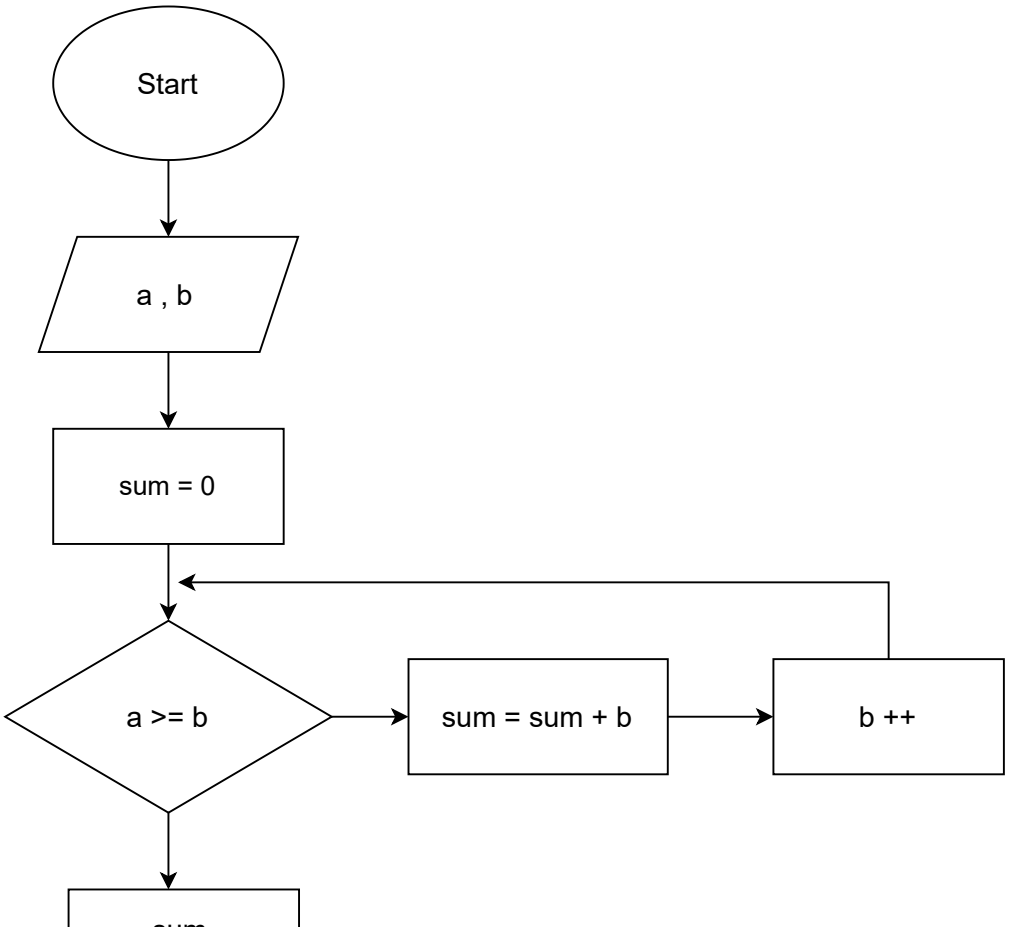


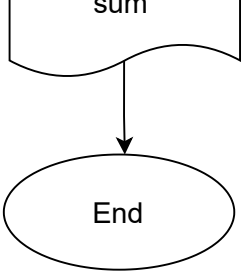


7. Write an algorithm and draw a flowchart to print the square of all numbers from 1 to 10.

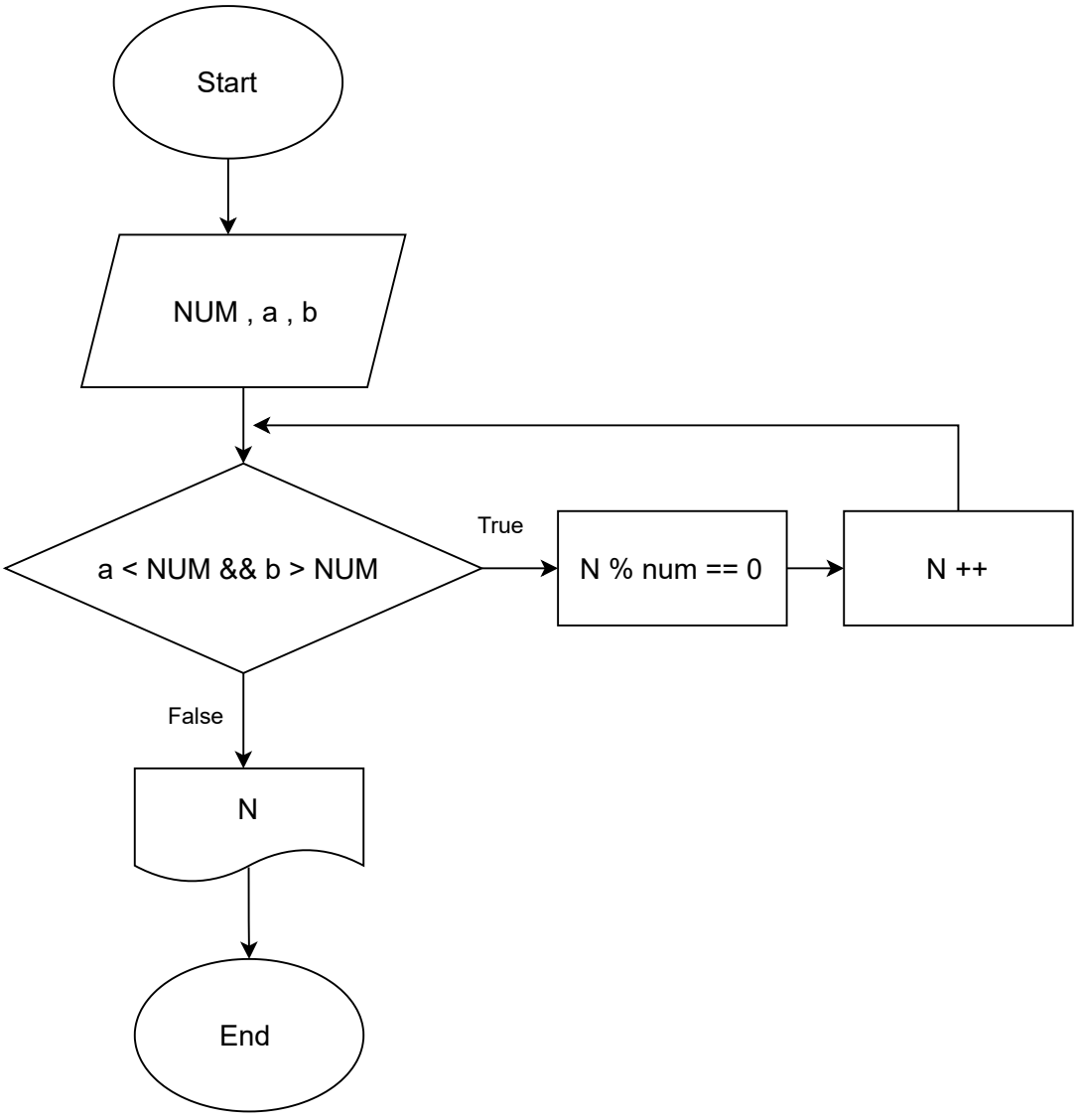


8. Write an algorithm and draw a flowchart to print the SUM of numbers from LOW to HIGH. Test with LOW=3 and HIGH=9.

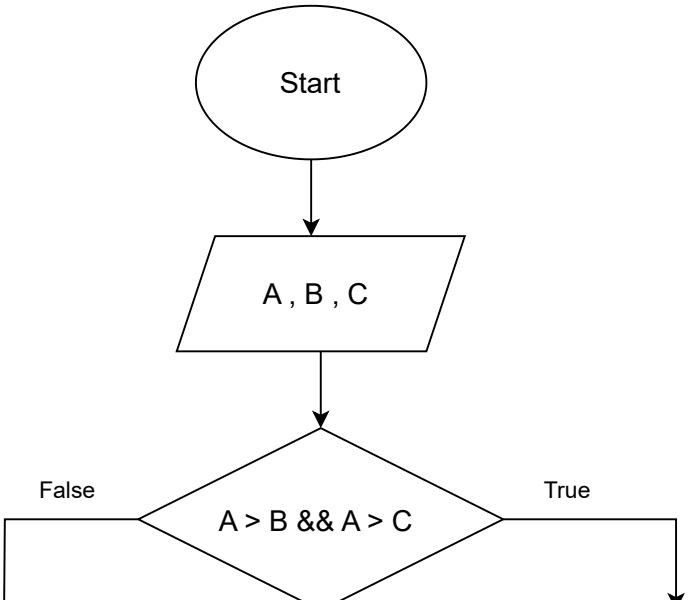


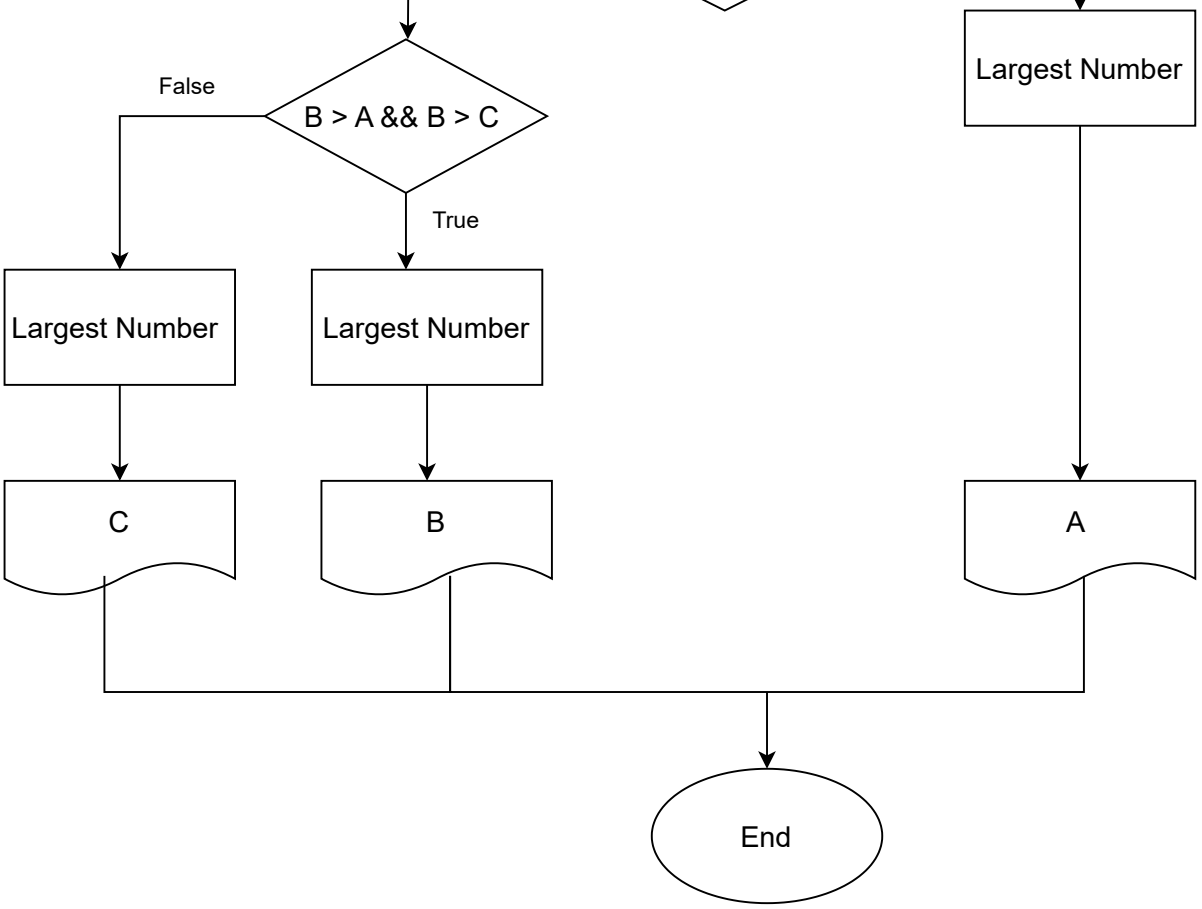


9. Write an algorithm and draw a flowchart to print all numbers between LOW and HIGH that are divisible by NUMBER.

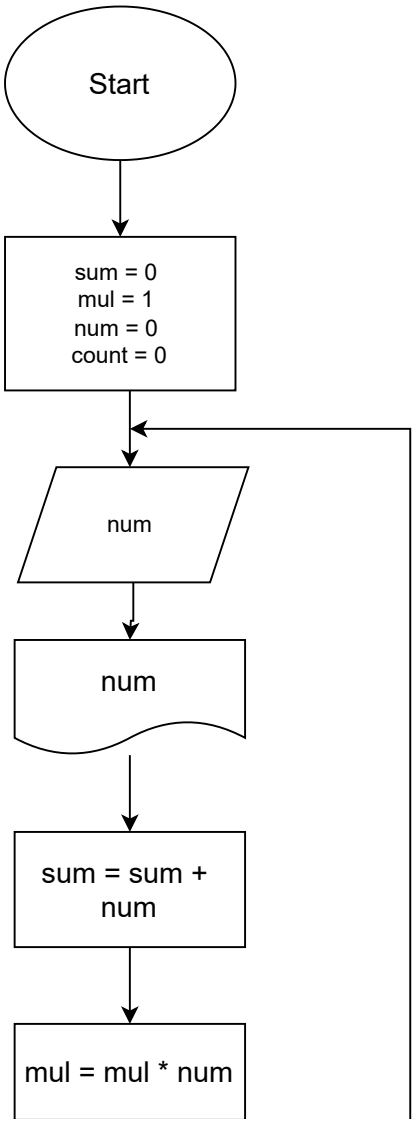


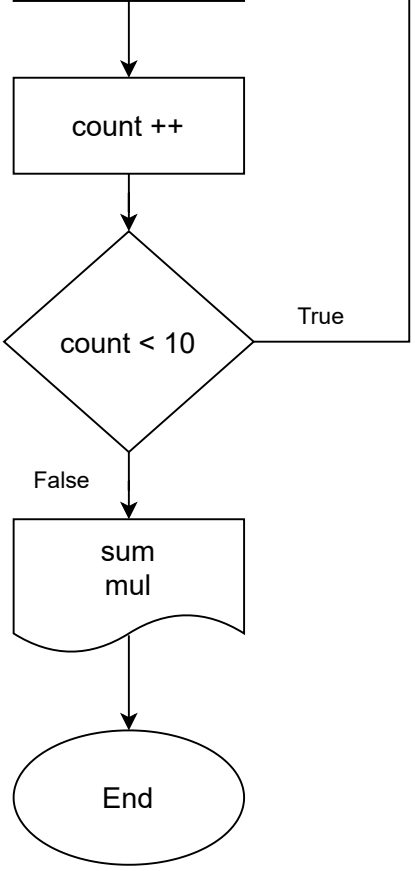
10. Draw a flowchart to find the largest of three numbers A, B, and C.



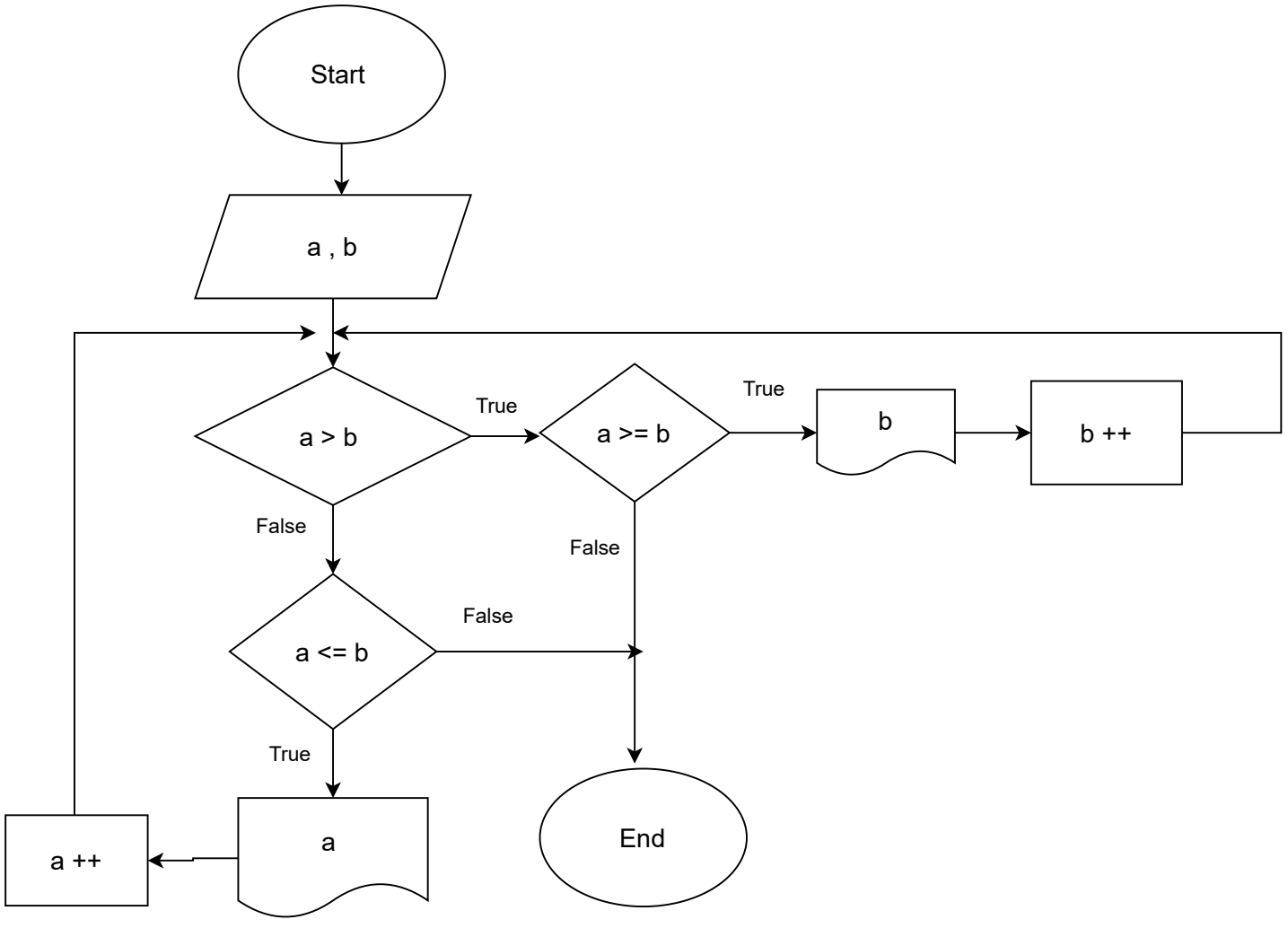


11. Draw a flowchart for a program that reads 10 numbers from the user and prints out their sum, and their product.

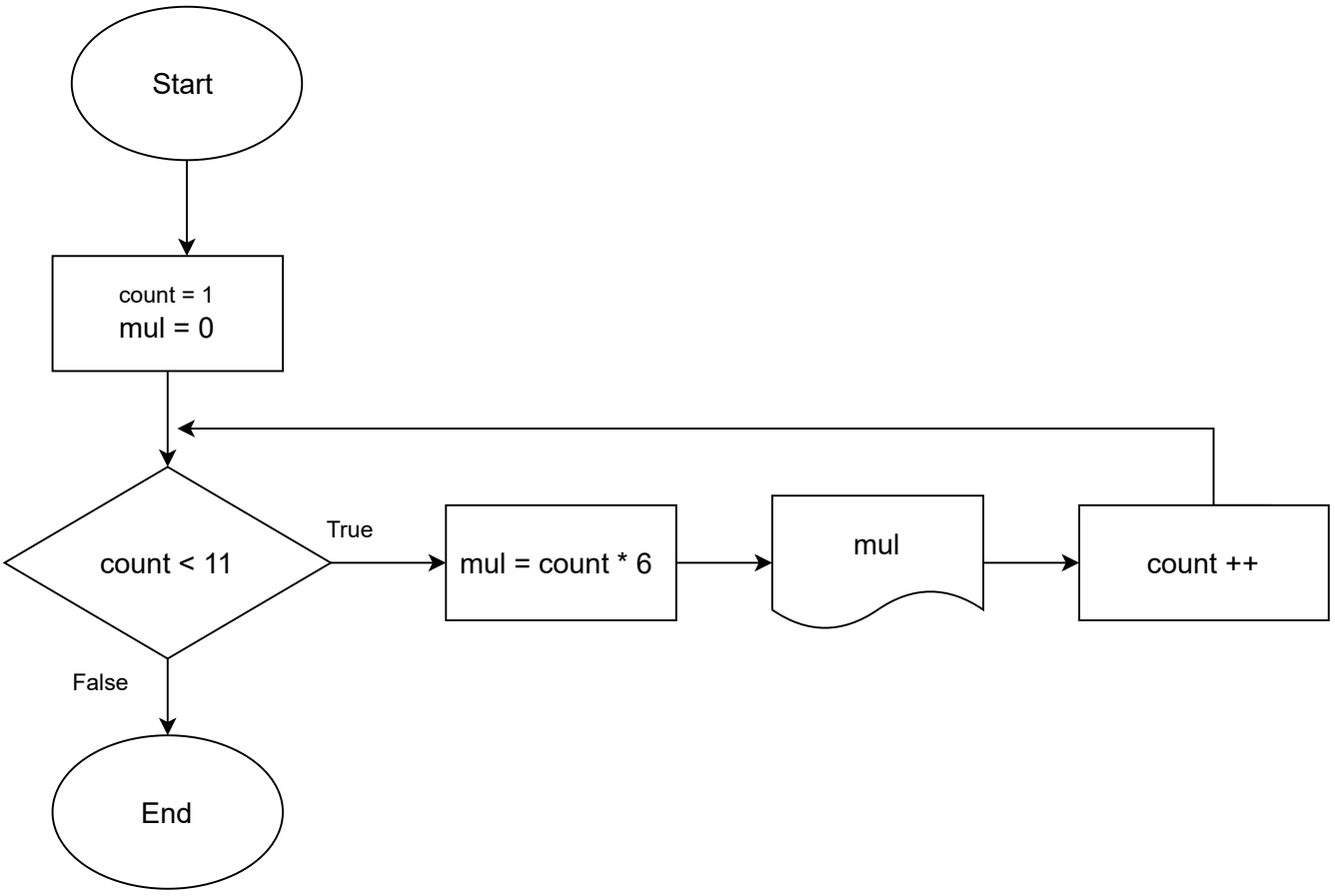




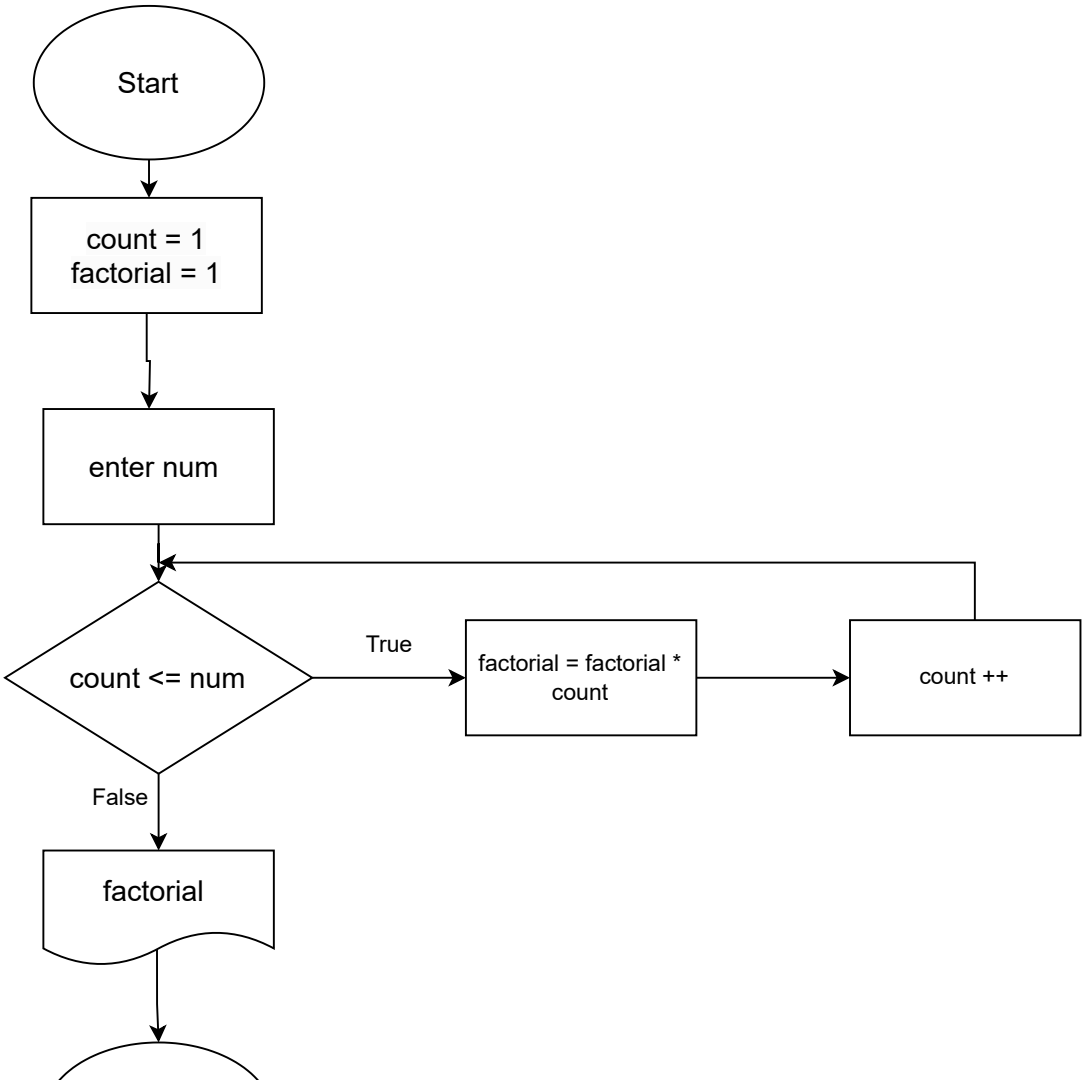
12. Write an algorithm and draw a flowchart to count and print all numbers from LOW to HIGH by steps of STEP. Test with LOW=0 and HIGH=100 and STEP=5.

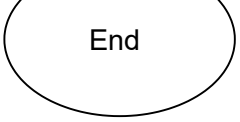


13. Write an algorithm and draw a flowchart to print the multiplication table for 6's.

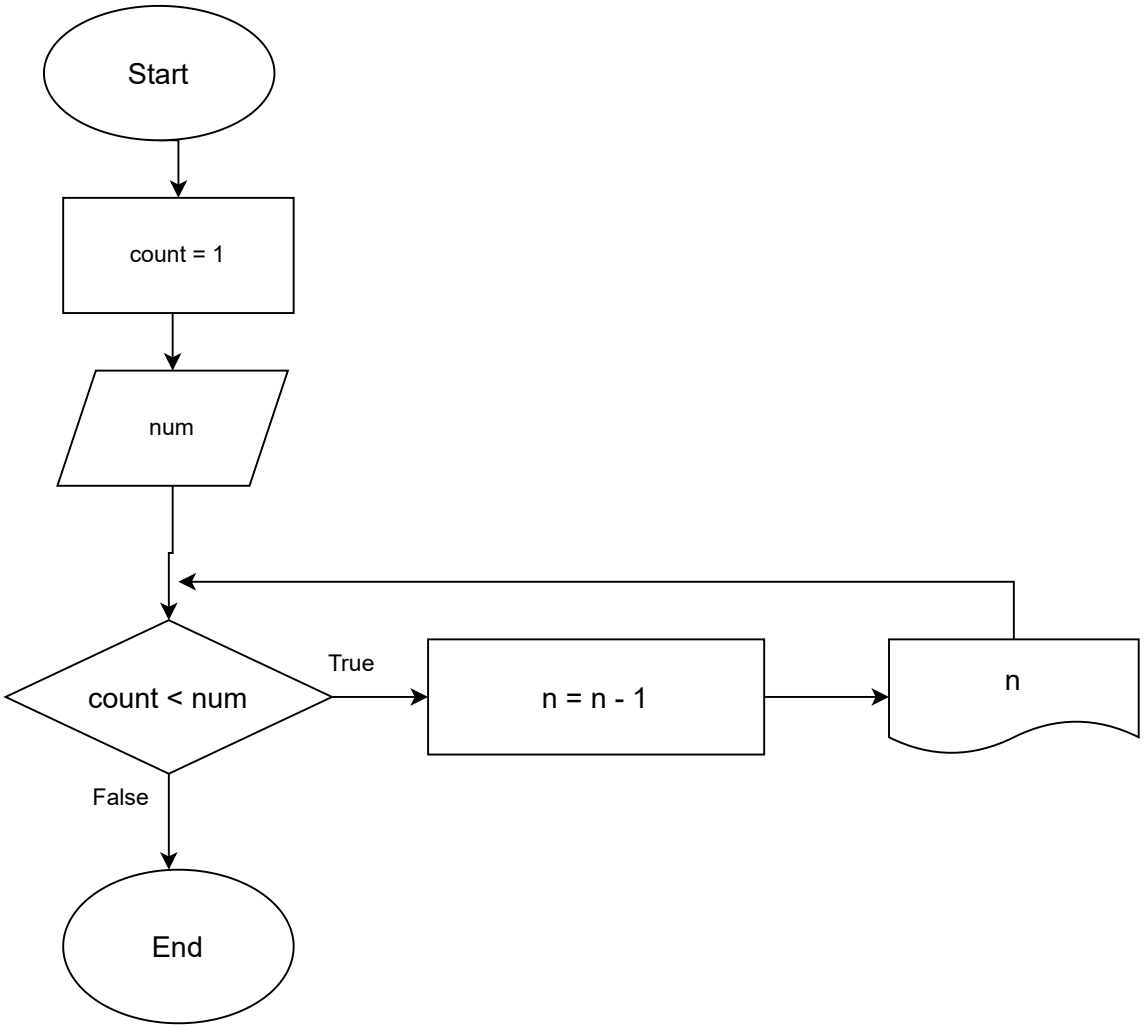


14. Draw a flowchart for computing factorial N (N!).

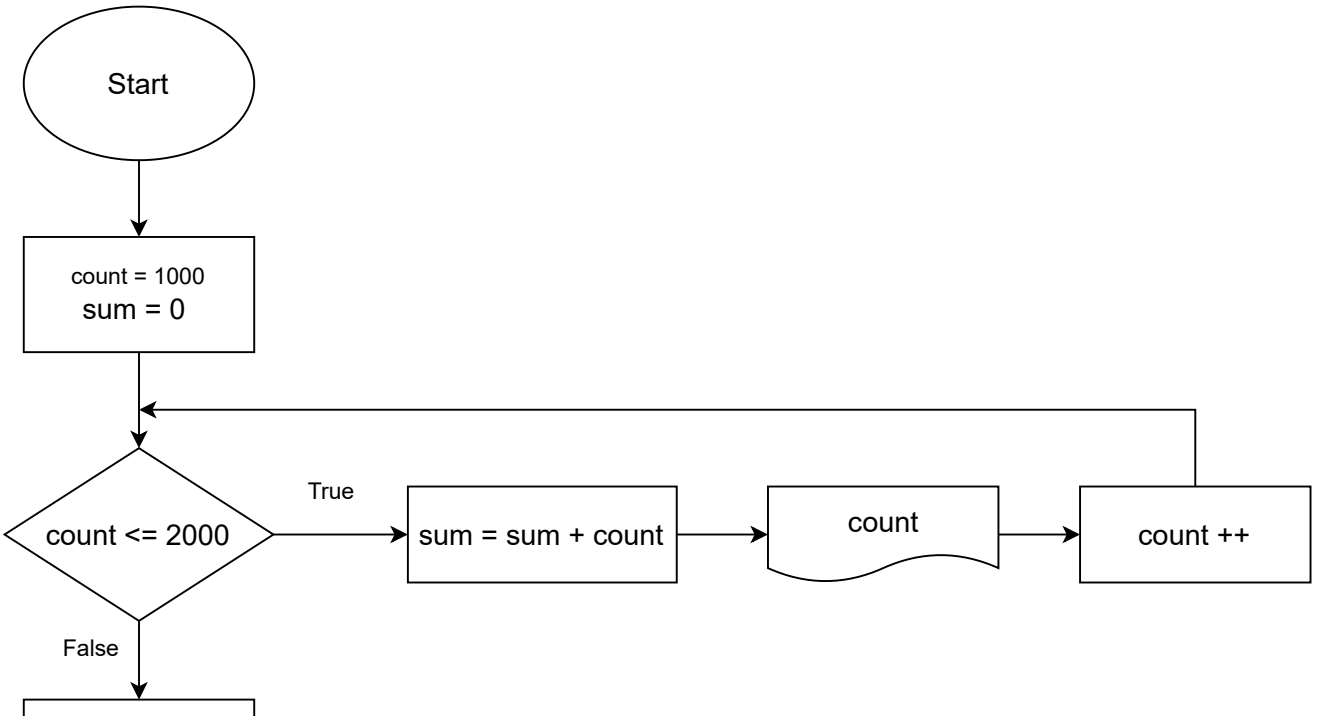


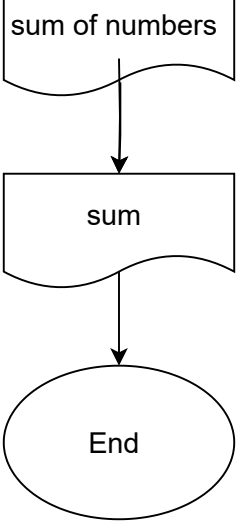


15. Draw a flow chart to print all natural numbers in reverse (from n to 1).

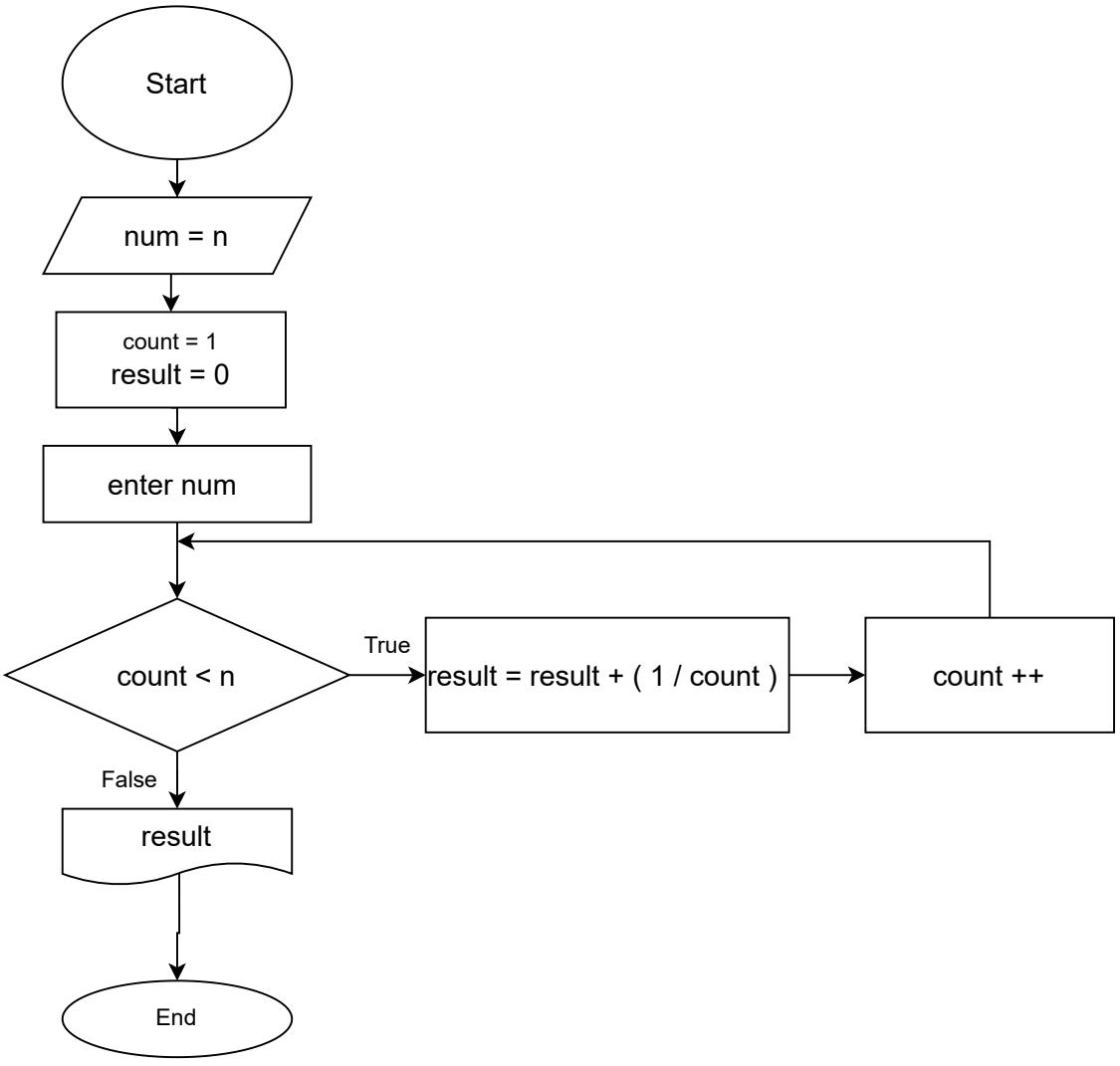


16. Design an algorithm which generates even numbers between 1000 and 2000 and then prints them in the standard output. It should also print total sum.

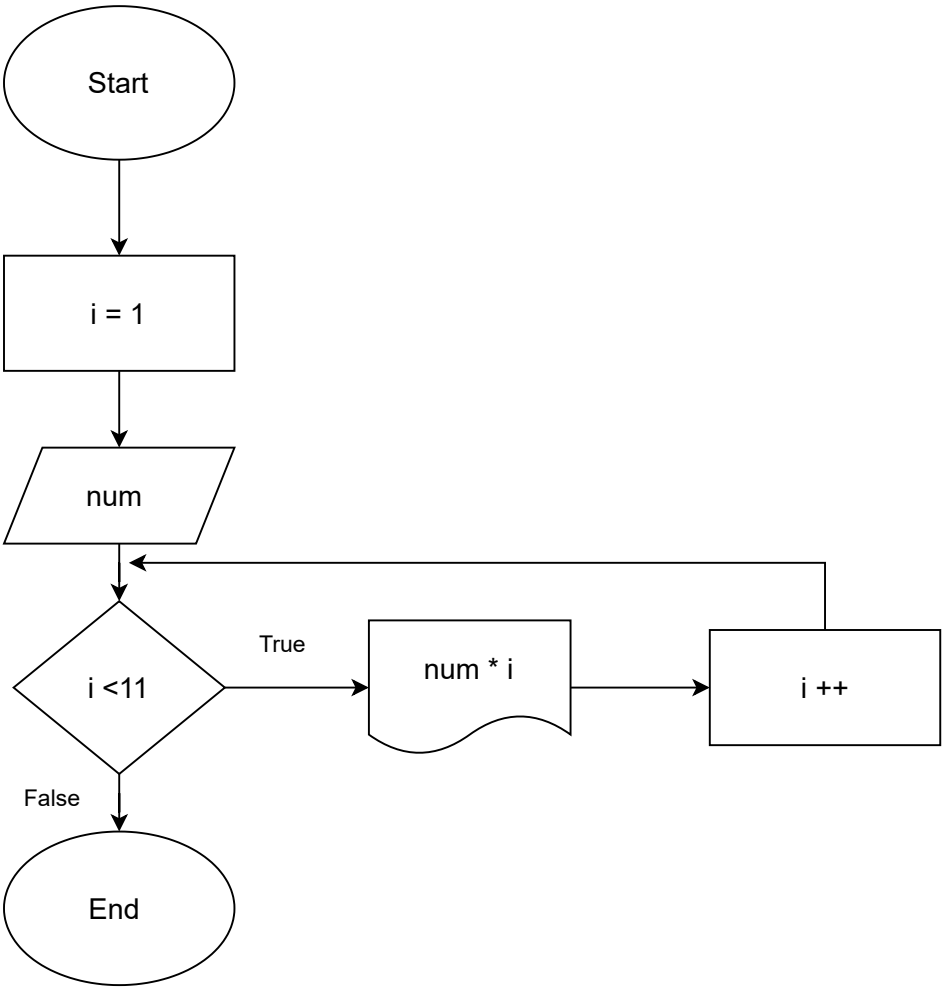




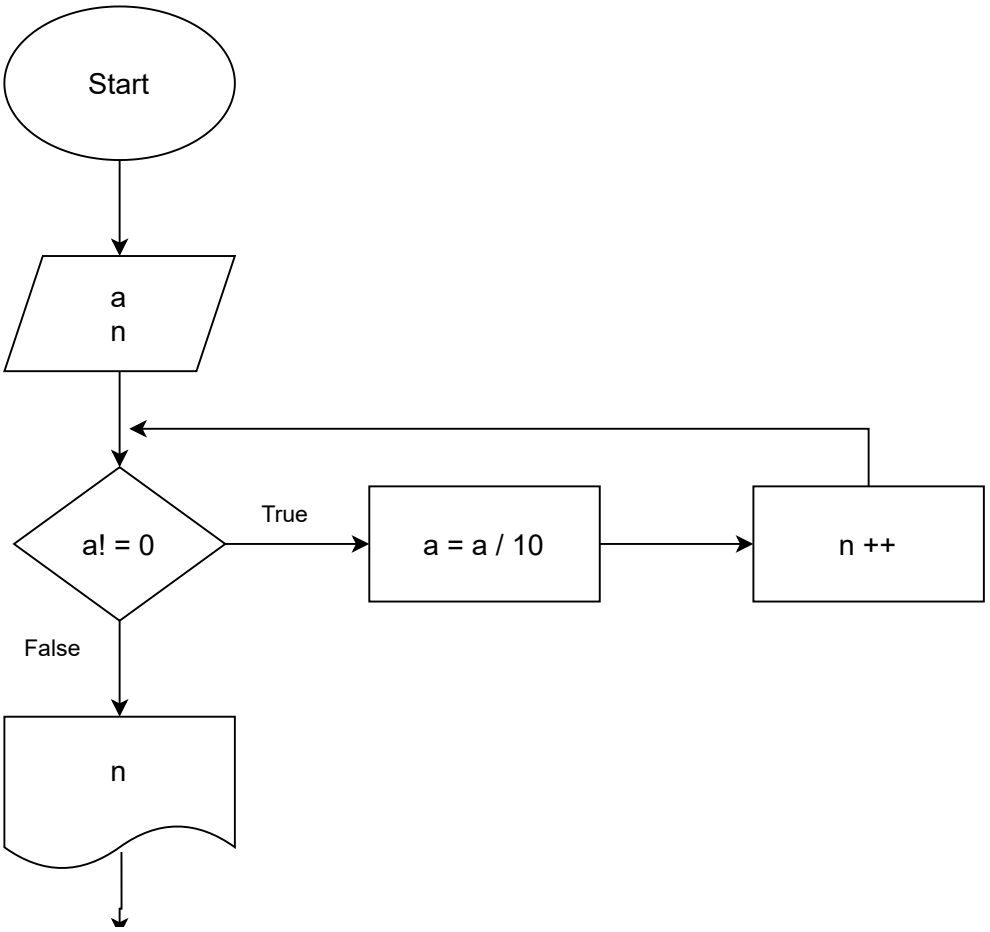
17. Design an algorithm with a natural number, n, as its input which calculates the following formula and writes the result in the standard output: S = ½ + ¼ + … +1/n.

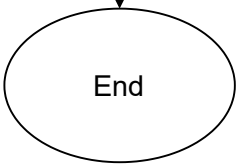


19. Draw a flow chart to print multiplication table of any number.

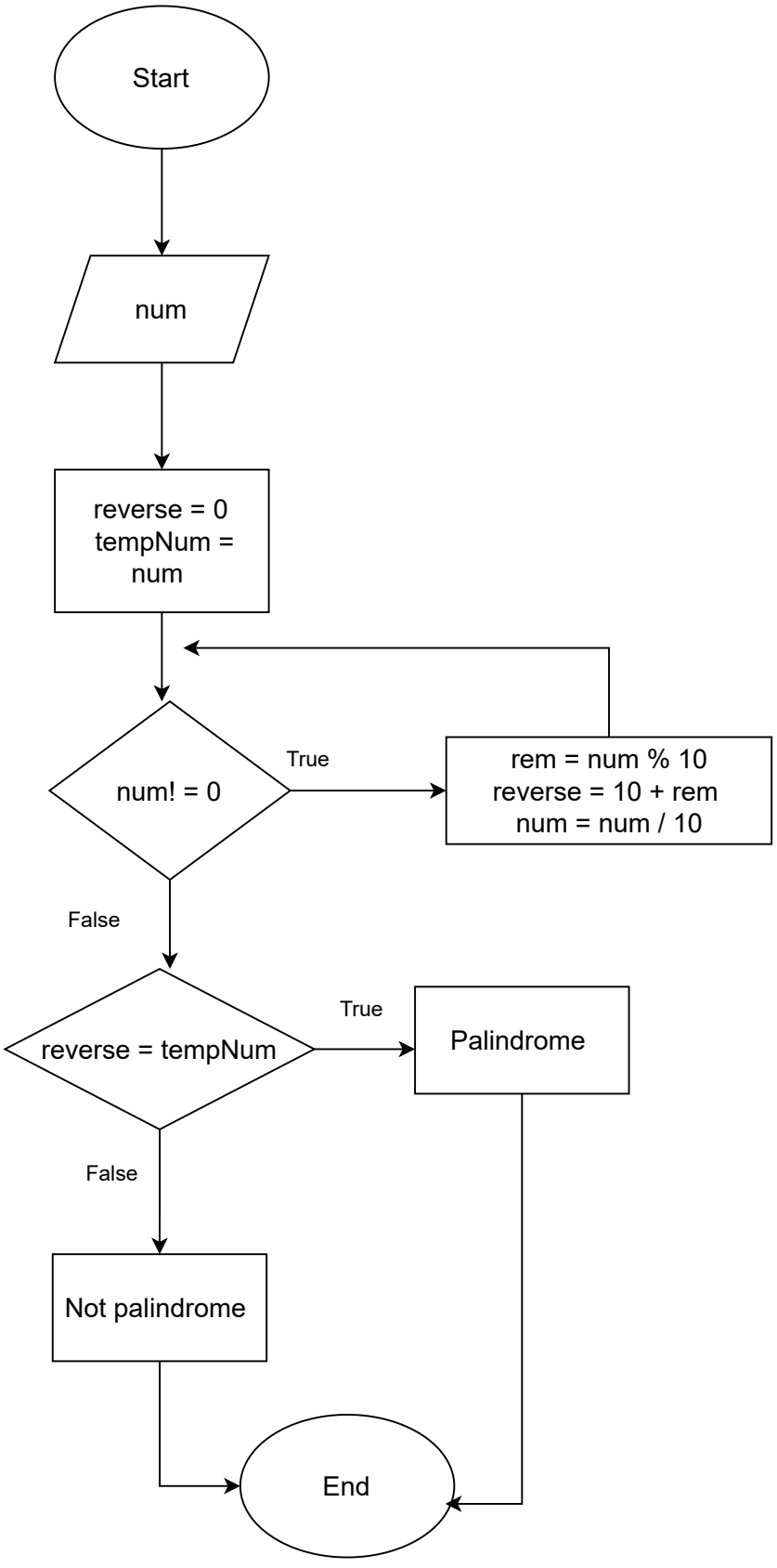


20. Draw a flow chart to count number of digits in a number.





23. Draw a flow chart to check whether a number is palindrome or not.



25. Draw a flow chart to find HCF (Highest Common Factor) of two numbers.