**Aim:**

To calculate the factorial of a given number using a recursive function in C.

**Algorithm:**

1. **Start**
2. Read the input number n.
3. Define a recursive function factorial(n):
   * If n == 0 or n == 1, return 1 (base case).
   * Else return n \* factorial(n-1).
4. Call the recursive function with the input number.
5. Display the factorial result.
6. **End**

**Sample Output:**

Enter a positive integer: 5

Factorial of 5 is 120

