```c
/*
 * C Program to print factorial of a number
 * using recursion
 */
#include <stdio.h>
#include <conio.h>

int getFactorial(int N);
int main(){
    int N, nFactorial, counter;
    printf("Enter a number \n");
    scanf("%d",&N);

    printf("Factorial of %d is %d", N, getFactorial(N));

    getch();
    return 0;
}

/*
 * Recursive function to find factorial of a number
 */
int getFactorial(int N){
    /* Exit condition to break recursion */
    if(N <= 1){
        return 1;
    }
    /*  N! = N*(N-1)*(N-2)*(N-3)*.....*3*2*1  */
    return N * getFactorial(N - 1);
}


//Site : BTechgeeks.com
```