

```
/** Program to Find Factorial of a Number using Recursion */  
  
#include <stdio.h>  
  
long fact(int);  
  
main()  
{  
    int n;  
    long f;  
    printf("\nEnter number to find factorial: ");  
    scanf("%d", &n);  
    f = fact(n);  
    printf("\nFactorial: %ld", f);  
    getch();  
}  
  
long fact(int n)  
{  
    int m;  
    if (n == 1)  
        return n;  
    else  
    {  
        m = n * fact(n-1);  
        return m;  
    }  
}
```