#include <stdio.h>

int main() {

    int n;

    unsigned long factorial = 1;

    printf("Enter a positive integer: ");

    scanf("%d", &n);

    if (n < 0) {

        printf("Error\n");

    } else {

        for (int i = 1; i <= n; ++i) {

            factorial \*= i;

        }

        printf("Factorial of %d = %llu\n", n, factorial);

    }

    return 0;

}

