#include <stdio.h>

// function to find factorial of given number

unsigned int factorial(unsigned int n)

{

    int res = 1, i;

    for (i = 2; i <= n; i++)

        res \*= i;

    return res;

}

int main()

{

    int num = 5;

    printf(

        "Factorial of %d is %d", num, factorial(num));

    return 0;

}