#include <stdio.h>

#include <conio.h>

int CalculateFactorial(n)

{

if (n > 0)

return n\*CalculateFactorial(n-1);

else

return 1;

}

void main ()

{

clrscr();

int num, factorial;

printf("Enter the number to get factorial \n");

scanf("%d", &num);

factorial = CalculateFactorial(num);

printf("%d! = %d", num, factorial);

getch();

}