#include <stdio.h>

int factorial(int n);

int main() {

int num;

printf("Enter a positive integer: ");

scanf("%d", &num);

printf("Factorial of %d = %d", num, factorial(num));

return 0;

}

int factorial(int n) {

if (n == 0)

return 1;

else

return n \* factorial(n - 1);

}

