#include<stdio.h>

int factorial( int );

main( ) {

int num;

printf("give num");

scanf("%d",&num);

int s = factorial( num );

printf("%d",s);

return 0;

}

int factorial( int num){

int fact=1;

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

fact = fact\*i;

}

return fact;

}