//program to caculate the factorial using recursion.

#include<stdio.h>

int fact(int);

void main()

{

int a,fact1;

printf("Enter the number to calculate factorial:");

scanf("%d",&a);

fact(a);

fact1=fact(a);

printf("Factorial of %d is:%d",a,fact1);

}

int fact(int x)

{

if(x<1)

return 1;

else

return x\*fact(x-1);

}

