program for factorial with recursion

#include<stdio.h>

int factorial(int num);

int main()

{

int number,result;

printf("enter a positive number \n");

scanf("%d",&number);

result=factorial(number);

printf("factorial=%d",result);

}

int factorial(int num)

{

if(num!=1)

{

return num\*factorial(num-1);

}

else

{

return num;

}

}

