#include<stdio.h>

int main()

{

int i,n,fact=1;

printf("enter the number:");

scanf("%d",&n);

for(i=1;i<=n;i++)

{

fact=fact\*i;

}

printf("the factorial of the given number is %d",fact);

return 0;

}

**OUTPUT:**

**enter the number:5**

**the factorial of the given number is 120**

**--------------------------------**

**Process exited after 3.828 seconds with return value 0**

**Press any key to continue . . .**