Program to calculate factorial of a number using a for loop

#include <stdio.h>

int main()

{

    int i,n,fact=1;

    scanf("%d",&n);

    for(i=1;i<=n;i++)

    {

        printf("%d\n",i);

        fact\*=i;

    }

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

    return 0;

}

