```c
 1: #include<stdio.h>
 2: int main(){
 3:     int num,i,fact=1;
 4:     printf("Enter the number: ");
 5:     scanf("%d",&num);
 6:     for(i=1;i<=num;++i){
 7:         fact*=i;
 8:     }
 9:     printf("%d",fact);
10: }
```