```c
#include<stdio.h>
int fact(int);
int main(){
int n,num;
printf("enter num");
scanf("%d",&num);
int res=fact(num);
printf("%d",res);
return(0);
}
int fact(int num)
{
    if(num==0||num==1){
    return 1;}
    else
    {
    return(num*fact(num-1));
        }
}
```

/tmp/uasYyebyP6.o
enter num5
120

Run