```c
#include<stdio.h>
#include<conio.h>

int factorial(int N);
void main()
{
    int FACT,NUM;
    clrscr();

    printf("\nEnter the number:");
    scanf("%d",&NUM);
    if(NUM>0)
    {
    FACT=factorial(NUM);
    printf("\nFactorial of %d=%d",NUM,FACT);
    }
    else
    printf("\nError:Given number is %d Negati
    getch();
    }
    int factorial(int N)
  {
    int Result;
    if(N==1)
    return(1);
    else
    Result=N*factorial(N-1);
    return(Result);
    }
```

Compile Result

```
Enter the number:5

Factorial of 5=120
[Process completed (code 10) - press Enter]
```