Let num = 3 , fact =1

```
for (int i=num;i>0;i--)
    {
        fact=fact*i;
    }
```

STEP 1:   i=num

    i = 3

    i > 0

    3 > 0 true

    Fact = fact * i ;

    Fact= 1* 3; ➔ 3

    i = i-1; ➔ 3-1 = 2

STEP 2:   i= 2

    2 > 0 true

    Fact = 3*2; ➔ 6

    i=2-1 ➔ 1

STEP 3: i=1

    1>0 true

    fact=6*1 ➔ 6

    i=1-1=0

step 4 : i=0

    0>0 false

    loop terminated

6	fact
	ans.