

```

int func(int x,int y){
    if(y <= 1){
        return 1;
    }
    else{
        return x * func(x-1,y);
    }
}

```

```

int func(int x , int y )
{
    int tmp ;
    int __cil_tmp4 ;
    int __cil_tmp5 ;
    int __cil_tmp6 ;

    {
        if (y <= 1) {
            {
                __cil_tmp4 = 1;
                return (__cil_tmp4);
            }
        } else {
            __cil_tmp6 = x - 1;
            tmp = func(__cil_tmp6, y);
            {
                __cil_tmp5 = x * tmp;
                return (__cil_tmp5);
            }
        }
    }
}

```