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1. write a java program to calculate factorial of a number.

```
class factorial
{
    void fact(int n)
    {
        int i, f=1;
        for(i=1; i<=n; i++)
        {
            f = i * f;
        }
        System.out.println(f);
    }
}

class Test
{
    public static void main(String[] args)
    {
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter a no. for factorial");
        int n = sc.nextInt();
        factorial f = new factorial();
        System.out.println("The factorial: ");
        f.fact(n);
    }
}
```

