**package** hlw;

**import** java.math.BigInteger;

**import** java.util.Scanner;

**public** **class** osthir {

**static** BigInteger factorial(**int** n) {

BigInteger fact=**new** BigInteger("1");

**for**(**int** i=1;i<=n;i++) {

fact=fact.multiply(BigInteger.*valueOf*(i));

}

**return** fact;

}

**public** **static** **void** main(String[] args) {

//System.err.println("Hellow");

Scanner input=**new** Scanner(System.***in***) ;

**int** tc;

tc=input.nextInt();

**for**(**int** i=1;i<=tc;i++) {

**int** n=input.nextInt();

System.***out***.println(*factorial*(n));

}

}

}