public class bifactorial

{

public static void main (String [] args)

{

int value;

if (args.length == 1)

{

try

{

value = Integer.parseInt (args[0]);

}

catch (Exception e)

{

System.err.println("integer wasn't recognized, using 7");

value = 7;

}

}

else

{

System.err.println("Missing command line parameter,using 7.");

value = 7;

}

**BigInteger result = fact (value);**

System.out.println (value + "! = " + result);

}

**private static BigInteger fact (int n)**

**{**

**BigInteger product = BigInteger.ONE;**

**for (int i = 2; i <= n; i++)**

**{**

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

**}**

**return product;**

**}**

}

