public class Factorial

{

public static void main(String[] args)

{ final int NUM\_FACTS = 100;

for(int i = 0; i < NUM\_FACTS; i++)

System.out.println( i + "! is " + factorial(i));

}

public static int factorial(int n)

{ int result = 1;

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

result \*= i;

return result;

}

}

/\* CallingMethodsInSameClass.java

\*

\* illustrates how to call static methods a class

\* from a method in the same class

\*/

public class CallingMethodsInSameClass

{

public static void main(String[] args) {

printOne();

printOne();

printTwo();

}

public static void printOne() {

System.out.println("Hello World");

}

public static void printTwo() {

printOne();

printOne();

}

}