**Program:**

public class Factorial {

public static void main(String[] args) {

int num = 10;

long factorial = 1;

for(int i = 1; i <= num; ++i)

{

// factorial = factorial \* i;

factorial \*= i;

}

System.out.printf("Factorial of %d = %d", num, factorial);

}

}

**Output:**

Factorial of 10 = 3628800