**Assignment** **1**

Java Mastery Intermediate Methods, Collections, and Beyond

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**Problem statement 1:**

Implement a Java method that calculates the factorial of a given number.

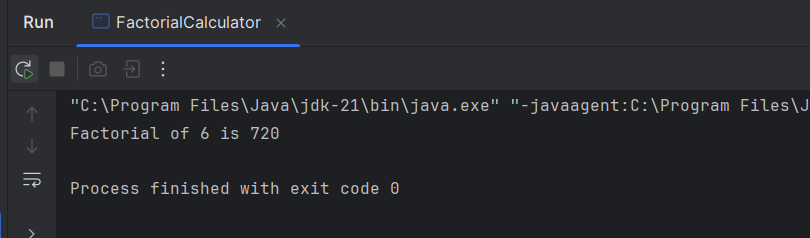
**Code:**

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**Input:**

Number: int

**Output:**

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