**03. Factorial Calculation**

**Condition:**

Write a program that takes an integer and returns its factorial (n!).

**Input:**

* One whole number.

**Output:**

* An integer representing the factorial of the input number.

**Limitations:**

The number is positive and no greater than 12 (to avoid excessively large values).

**Examples:**

|  |  |
| --- | --- |
| **Input** | **Output** |
| 5 | 120 |
| 3 | 6 |
| 1 | 1 |
| 0 | 0 |