

**RecursionOnlyFactorial:****Question:**

Write a function `factorial_recursive(n)` that takes an integer `n` and returns the factorial of that number using recursion. The factorial of a number `n` is the product of all positive integers less than or equal to `n`. The factorial of 0 is defined as 1.

**Constraints:**

- The input `n` is an integer.
- You must use recursion to solve this problem.
- You may not use loops or any built-in functions that directly calculate factorial.
- The function should handle the base case when `n` is 0 or 1, returning 1.

**Input Format:**

- `n`: An integer representing the number for which the factorial is to be calculated.

**Output Format:**

- An integer representing the factorial of the given number `n`.

**Sample Input:**

5

**Sample Output:**

120

**Explanation:**

- For positive integers, the factorial is calculated recursively. For example, the factorial of 5 is  $5 * 4 * 3 * 2 * 1 = 120$ .