**Step-by-Step Breakdown**

**Step 1: Get User Input**

rows = int(input("Enter your number: "))

* The user is prompted to input a number (rows), which determines the number of rows in the pyramid.
* int() converts the input into an integer.
* Example:
  + Input: 5

**Step 2: Loop Through Rows**

for i in range(1, rows + 1):

* The for loop iterates over a range from 1 to rows + 1 (inclusive of 1 but exclusive of rows + 1).
* Each iteration represents a row of the pyramid.

**Step 3: Print Spaces and Numbers**

print(" " \* (rows - i) + " ".join(str(x) for x in range(1, i + 1)))

* **Spaces:**
  + " " \* (rows - i) adds leading spaces to align the pyramid to the right.
  + For each row i, the number of spaces is rows - i.
* **Numbers:**
  + " ".join(str(x) for x in range(1, i + 1)) generates the numbers in the current row as a string separated by spaces.
  + The inner loop for x in range(1, i + 1) creates numbers from 1 to i (inclusive).
  + str(x) converts the numbers to strings so they can be joined with spaces using " ".join().
* **Combined Output:**
  + The spaces and numbers are concatenated and printed together to form the pyramid.

**Example Walkthrough**

**Input:**

Enter your number: 5

**Execution:**

1. **Row 1 (i = 1):**
   * Spaces: " " \* (5 - 1) = " " (4 spaces)
   * Numbers: " ".join(str(x) for x in range(1, 1 + 1)) = "1"
   * Output: " 1"
2. **Row 2 (i = 2):**
   * Spaces: " " \* (5 - 2) = " " (3 spaces)
   * Numbers: " ".join(str(x) for x in range(1, 2 + 1)) = "1 2"
   * Output: " 1 2"
3. **Row 3 (i = 3):**
   * Spaces: " " \* (5 - 3) = " " (2 spaces)
   * Numbers: " ".join(str(x) for x in range(1, 3 + 1)) = "1 2 3"
   * Output: " 1 2 3"
4. **Row 4 (i = 4):**
   * Spaces: " " \* (5 - 4) = " " (1 space)
   * Numbers: " ".join(str(x) for x in range(1, 4 + 1)) = "1 2 3 4"
   * Output: " 1 2 3 4"
5. **Row 5 (i = 5):**
   * Spaces: " " \* (5 - 5) = "" (no spaces)
   * Numbers: " ".join(str(x) for x in range(1, 5 + 1)) = "1 2 3 4 5"
   * Output: "1 2 3 4 5"

**Final Output:**

1

1 2

1 2 3

1 2 3 4

1 2 3 4 5