**OUTPUT**

**1**

**1 2**

**1 2 3**

**1 2 3 4**

**1 2 3 4 5**

Stop

Start

J = J + 1

Print j

If j <=I

If I <= n

Read n

Declare variable I = 1, j = 1, n

N

Y

N

J = 1, I = I + 1

Y

Algorithm:

Step 1: Start

Step 2: Declare variables I , j , n

Step 3: Initialize I = 1, j =1

Step 4: Read n

Step 5: If I <= n goto step 6 else step 9

Step 6: If j <= I goto Step 7 else j = 1 , I = I + 1 and goto Step 5

Step 7: print j

Step 8: j = j + 1 and goto step 6

Step 9: End