**Recursive Method**

**Question:** Johan going to the church and there are **n** stairs to reach to Prayer hall.

Johan can move either **1** step, **2** step or **3** steps at a time.

Implement a method to count how many possible ways Johan can run up the stairs.

**Algorithm:**

Step 1: Create a recursive function.

Step 2: If n equal to 1 or 0 its return 1

Step 3: Else if it’s returns 2.

Step 4: Call the function and returns the values.

Step 5: Return the result.

**Test Case:**

**Input:** 3

**Output:** 4

**Explanation:**

1 step + 1 step + 1 step

1 step + 2 step

2 step + 1 step

3 step

There are 4 possible ways Johan can run up the stairs.

I have used Recursive Method.