5 .

n++

Increment loop

J++

Increment loop

Print numbers

J<i

I<=10

Variable declaration and initialization

N Y

Y

N Y

Y

Algorithm

1 Start

2 Initialize int i=10, int j=1 and int num=1

3 Repeat steps 3 to 7 until all conditions are true

4 repeat steps 4 to 7until i<6

5 repeat steps 5 to 7 until j<=i

6 print num

7 n++

8 end