

1. Loop (10)

Iterations	i	n
1st	10	10
2nd	5	10
3rd	6	10
4th	3	10
5th	4	10
6th	2	10
7th	1	10

2. Output of Program:

10, 5, 6, 3, 4, 2

3. Can you prove that this loop terminates for any positive value of n ?

The value will continuously decrease until it reaches an output value of 1.