Dry Run- Print Sequence

Here is the code for a procedure to Print a Sequence of numbers. When the user types a number into the textbox and presses Go – the first procedure is executed.

1. Private Sub btnGo\_Click

2.

3. Dim n As Integer

4. n = txtInput.Text

5. Call PrintSequence(n)

6. End Sub

7. Sub PrintSequence(ByVal n As Integer)

8. n = n - 1

9. If n > 1 Then

10. PrintSequence(n)

11. End If

12. lstOutput.Items.Add(n)

13. End Sub

Dry run the above program with n=6

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| --- | --- | --- | --- |
| Procedure Call | n | Output | Return Line |
| P1 | 6 |  | 5 |
| P2 | 6  5 |  | 10 |
| P3 |  |  |  |
| P4 |  |  |  |
| P5 |  |  |  |
| P6 |  |  |  |
| P5 |  |  |  |
| P4 |  |  |  |
| P3 |  |  |  |
| P2 |  |  |  |
| P1 |  |  |  |