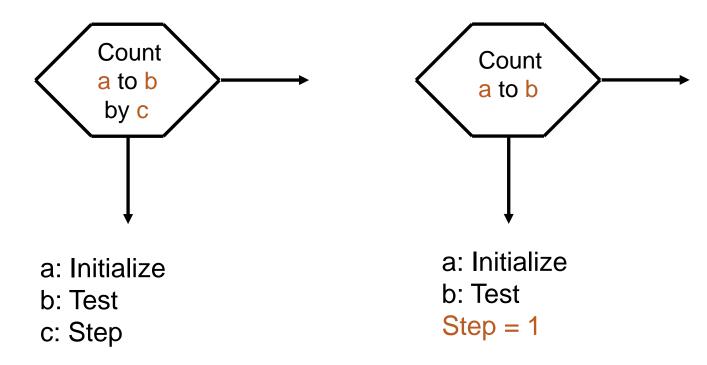
VISUAL LOGIC

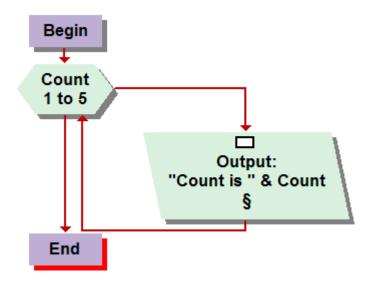
Chapter 4

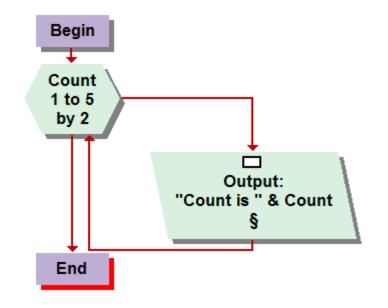


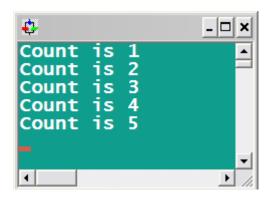
Used to automate the *initialize*, test, and update process.

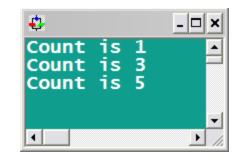


Step Value in For Loops









For Loop with Negative Step Value Example

Comparing While and For Loops

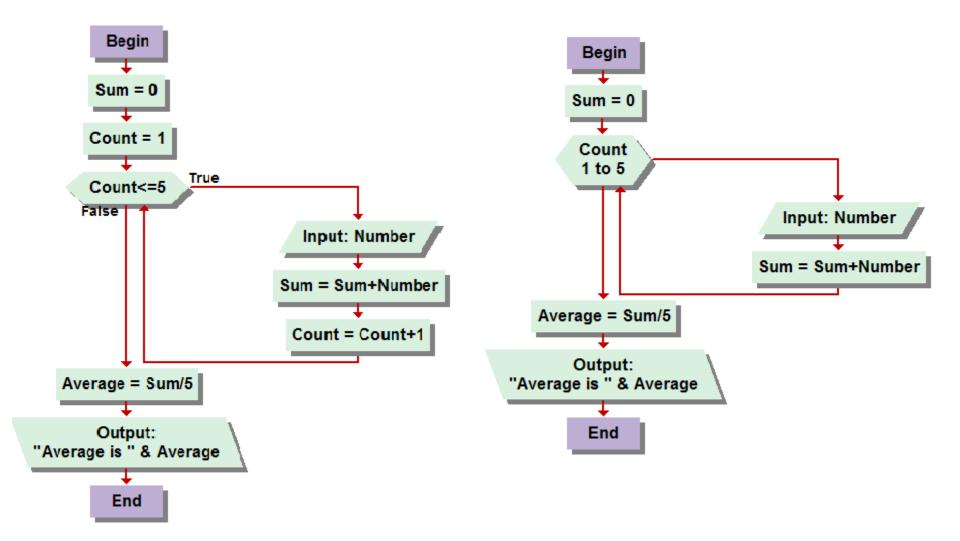
• While

- Explicit <u>Initialization</u> statement
- Explicit <u>Test Condition</u> statement
- Explicit <u>Update</u> statement

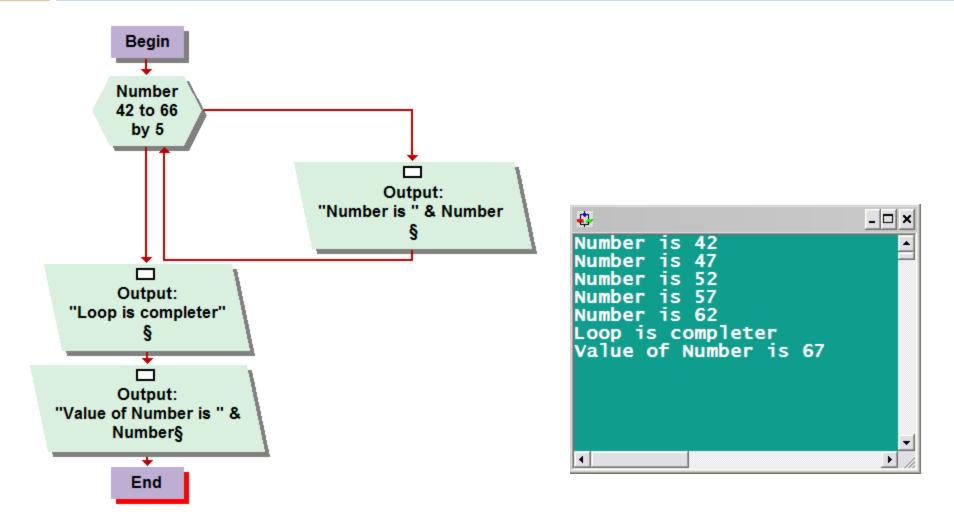
• For

Automatically performs these three actions

Comparison of While and For Loops



Example





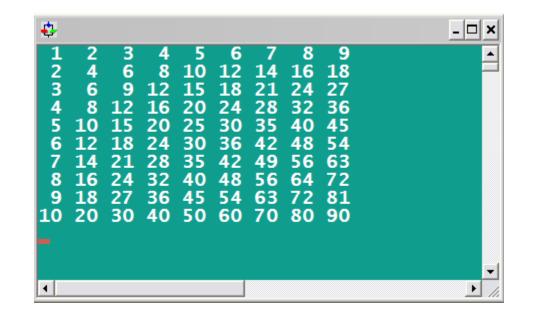
Loop contained inside the body of another loop

Nested loop- Printing the values of outer loop and inner loop counters

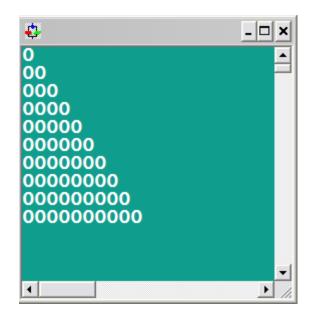
Printing "Hello" 16 times-Solution 1

Printing "Hello" 16 times-Solution 2

Multiplication Table Example

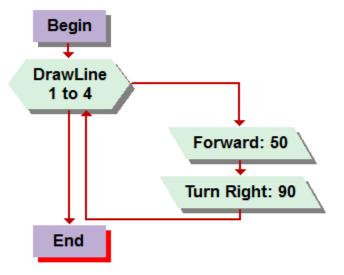


Triangle Problem Example

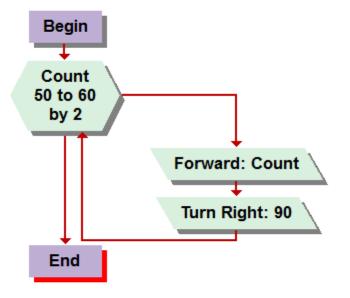


Some Graphics

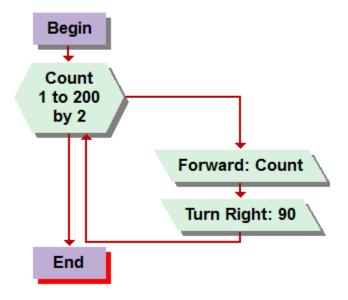




More Box Demo



Fun Box



Twisted Box with Color

