

Declare loop control variable inside the for

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/*
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by Herbert Schildt

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*/
// Declare loop control variable inside the for.

using System;

public class ForVar {
public static void Main() {
int sum = 0;
int fact = 1;

// compute the factorial of the numbers through 5
for(int i = 1; i <= 5; i++) { sum += i; // i is known
throughout the loop fact *= i; } // but, i is not known here.
Console.WriteLine("Sum is " + sum);
Console.WriteLine("Factorial is " + fact); } } [/csharp]
```