Using casts in an expression

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/*
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by Herbert Schildt

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*/
// Using casts in an expression.

using System;

public class CastExpr {
public static void Main() {
double n;

for(n = 1.0; n <= 10; n++) { Console.WriteLine("The square
root   of   {0}   is   {1}",   n,   Math.Sqrt(n));
Console.WriteLine("Whole  number  part: {0}"  ,  (int)
Math.Sqrt(n));  Console.WriteLine("Fractional  part: {0}",
Math.Sqrt(n) - (int) Math.Sqrt(n) ); Console.WriteLine(); } }
} [/csharp]
```