

Sums the values in an array using a foreach loop

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/*
C# Programming Tips & Techniques
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*/
// ForEach.cs – Sums the values in an array using a foreach
loop
//
// Compile this program with the following command line
// C:>csc ForEach.cs
//
namespace nsForEach
{
using System;
public class ForEach
{
static public void Main ()
{
DateTime now = DateTime.Now;
Random rand = new Random ((int) now.Millisecond);
int [] Arr = new int [10];
for (int x = 0; x < Arr.Length; ++x) { Arr[x] = rand.Next () %
100; } int Total = 0; Console.Write ("Array values are ");
foreach (int val in Arr) { Total += val; Console.Write (val +
", "); } Console.WriteLine ("and the average is {0,0:F1}",
(double) Total / (double) Arr.Length); } } } [/csharp]
```