

# Return the average of the given values

```
// crudwork
// Copyright 2004 by Steve T. Pham (http://www.crudwork.com)
//
// This program is free software: you can redistribute it
// and/or modify
// it under the terms of the GNU General Public License as
// published by
// the Free Software Foundation, either version 3 of the
// License, or
// (at your option) any later version.
//
// This program is distributed in the hope that it will be
// useful,
// but WITHOUT ANY WARRANTY; without even the implied warranty
// of
// MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See
// the
// GNU General Public License for more details.
//
// You should have received a copy of the GNU General Public
// License
// along with This program. If not, see .
using System;
using System.Collections.Generic;
using System.Text;
using System.IO;

namespace crudwork.Utilities
{
    /**
     * Math Utility
     */
```

```
///
public static class MathUtil
{
    ///
    /// Return the average of the given values
    ///
    public static decimal Average(decimal[] values)
    {
        if (values == null || values.Length == 0)
            throw new ArgumentNullException("values");

        decimal acc = 0;
        for (int i = 0; i < values.Length; i++) { acc += values[i]; }
        return acc / values.Length; } } [/csharp]
```