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```
class MyClass
{
    public static double Average(double[] array)
    {
        double s = 0;
        foreach (double element in array)
            s += element;
        return s / array.Length;
    }
    public static void Show(double[] array)
    {
        string s = " Your array is:";
        foreach (double element in array)
            s += element.ToString()+" ";
        MessageBox.Show(s);
    }
}
```

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```
private void ButGetAverage_Click(object sender,
    EventArgs e)
{
    double[] A = { 20, 70, 50, 90, 10, 30, 60 };
    double v = MyClass.Average(A);
    MyClass.Show(A);
    MessageBox.Show("Average="+v.ToString());
}
```

Note:

You can use the keyword “params” to allow you array to be passed directly as parameters to a method.

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Chapter 4

Arrays

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