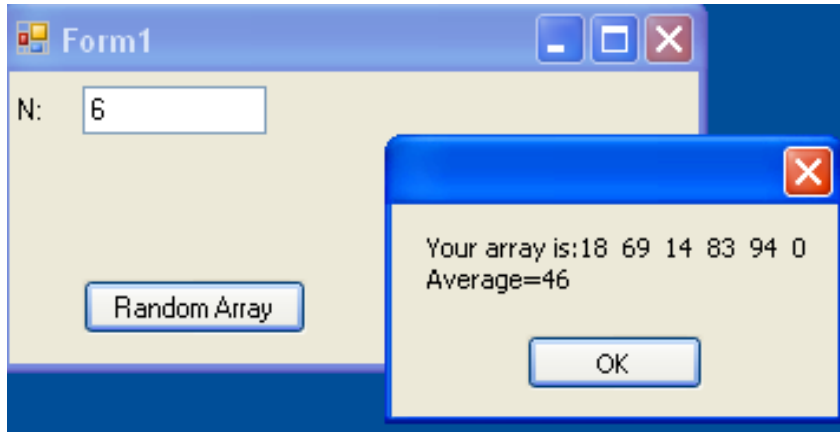```
private void ButCalculate_Click(object sender, EventArgs e)
{
    int sum = 0;
    int[] A = { 7, 3, 4, 6, 5 };
    string s = "Your array is:";
    for (int i = 0; i < A.Length; i++)
    {
        sum += A[i];
        s += A[i].ToString() + " ";
    }
    s += "\nSum=" + sum.ToString();
    MessageBox.Show(s);
}
```

Example 2:

Write a program to input a random array to your computer memory, calculate its average and display this array and its average.

```
private void ButRandomArray_Click(object sender, EventArgs e)
{
    int n ,sum=0,v;
    n= Int32.Parse(TxtN.Text);
    int[] A = new int[n];
    string s = "Your array is:";
    Random x = new Random();
    for (int i = 0; i < A.Length; i++)
    {
        A[i] = x.Next(0, 100);
        sum+=A[i];
        s+=A[i].ToString()+" ";
    }
    v=sum/A.Length;
    s+="\nAverage="+v.ToString();
    MessageBox.Show(s);
}
```