

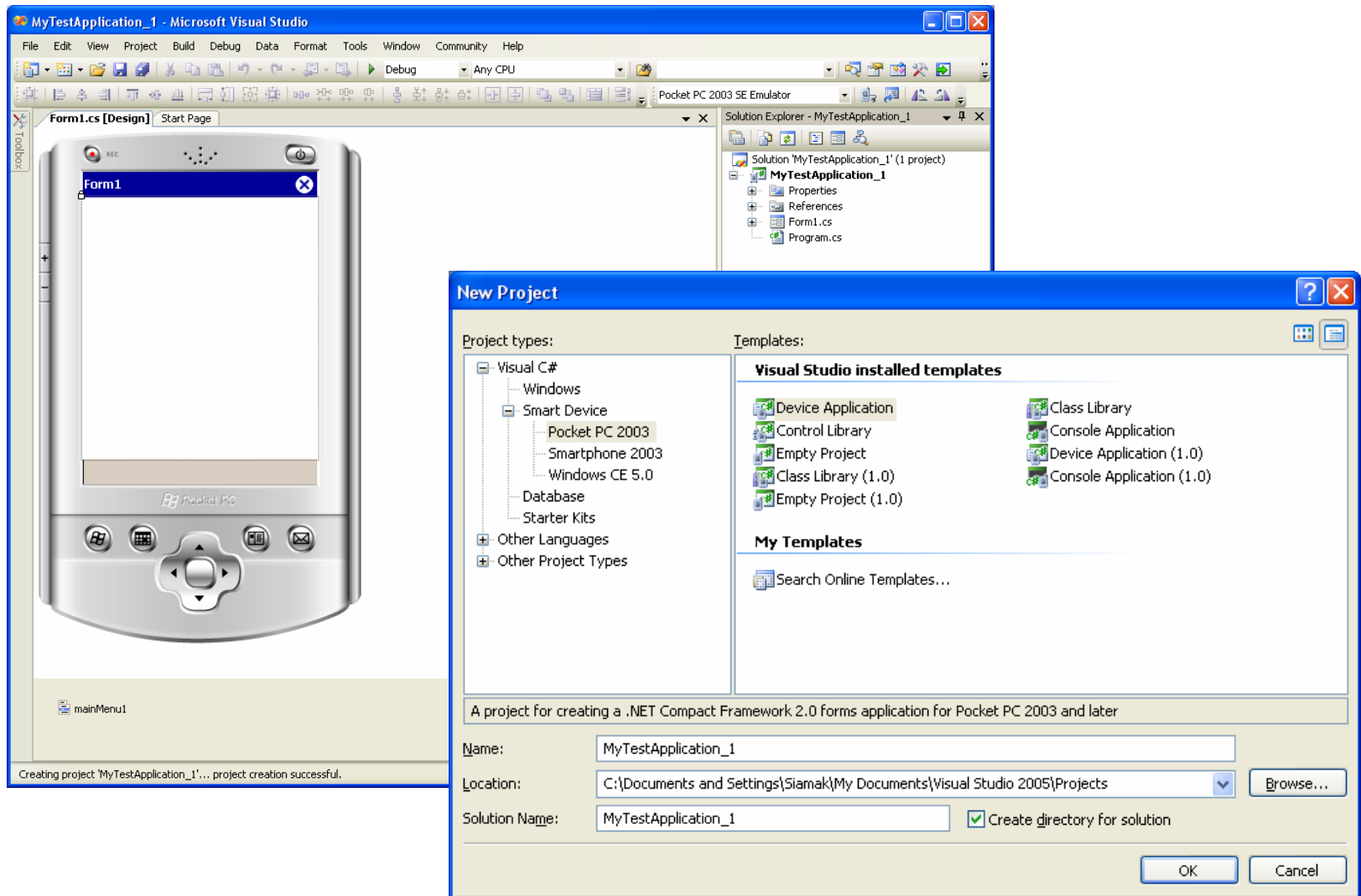
.NET Compact Framework (Get Started)

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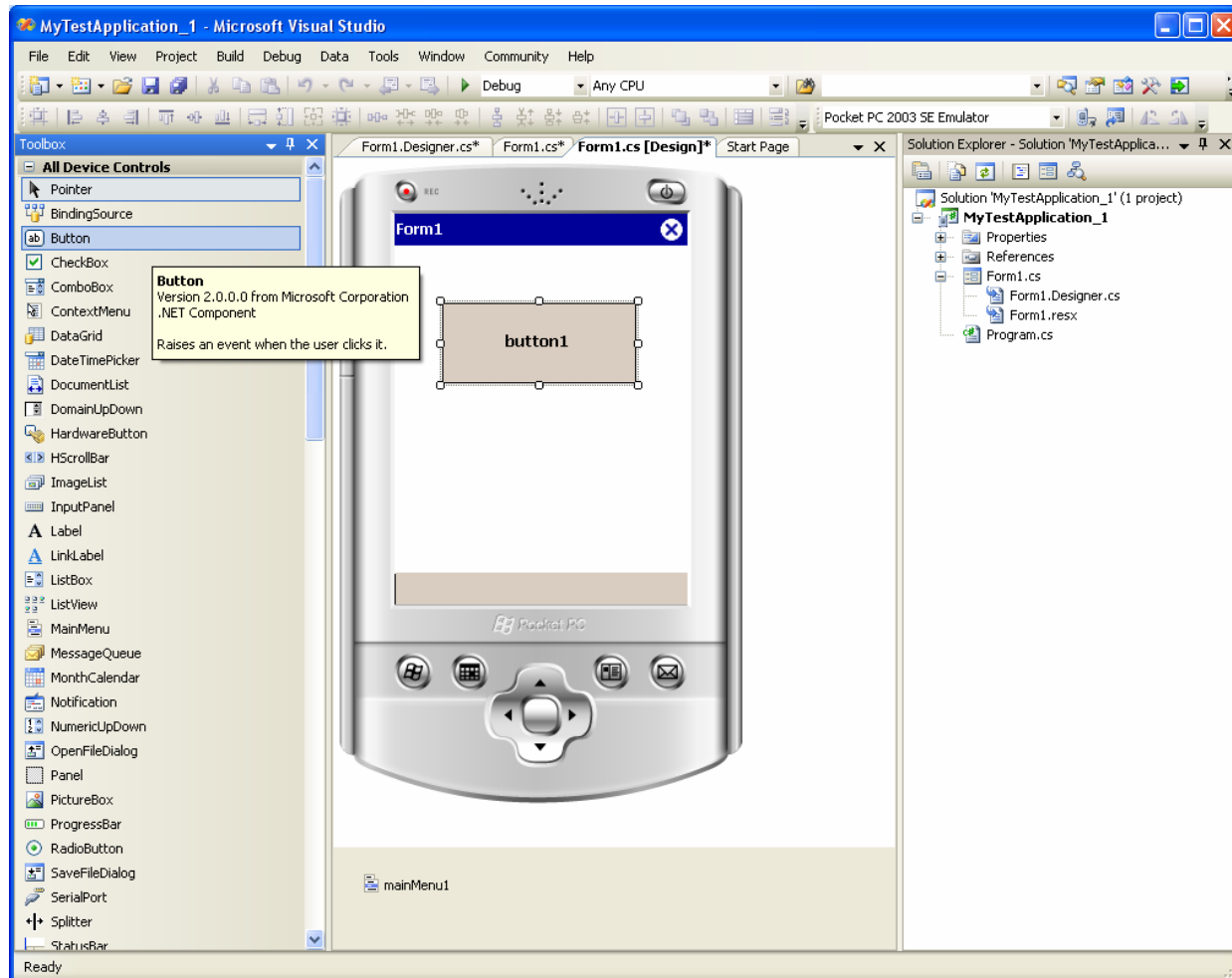
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people.brunel.ac.uk/~emstaam

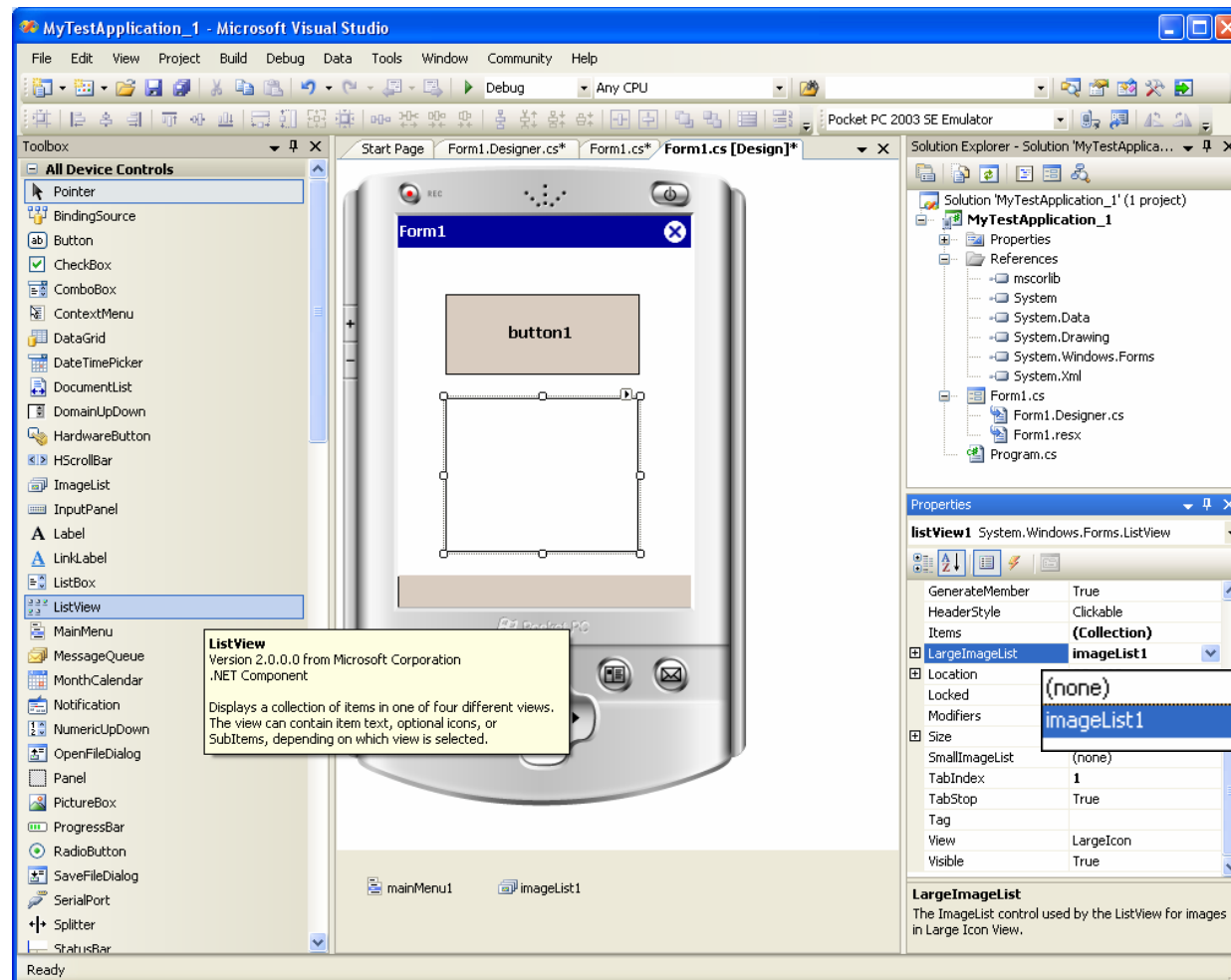
Create New Project



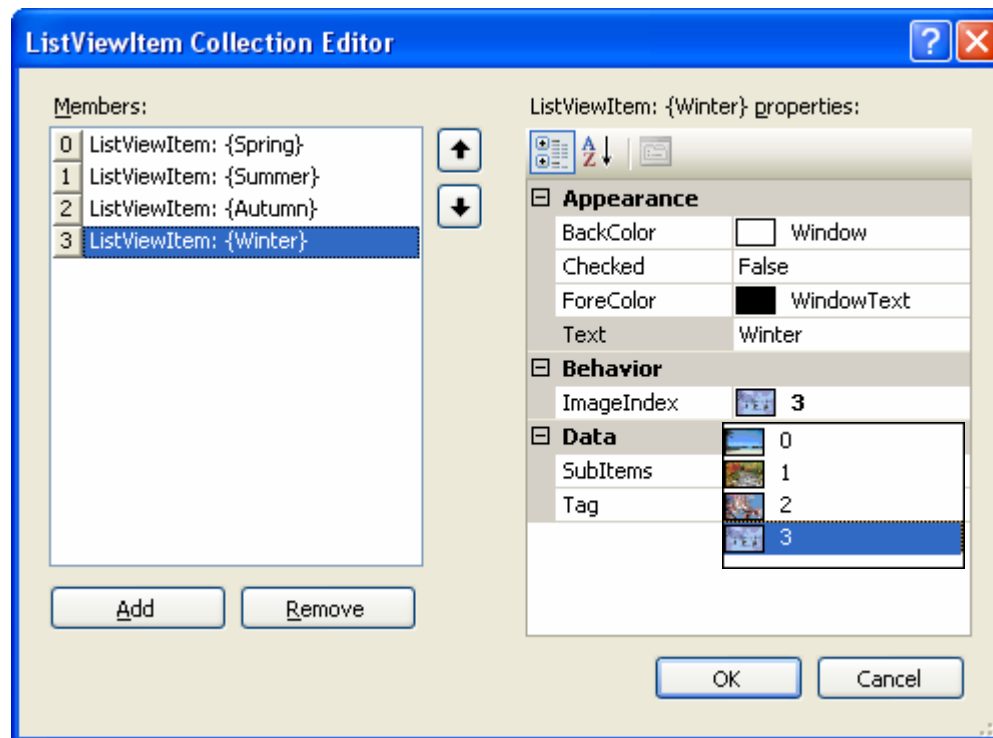
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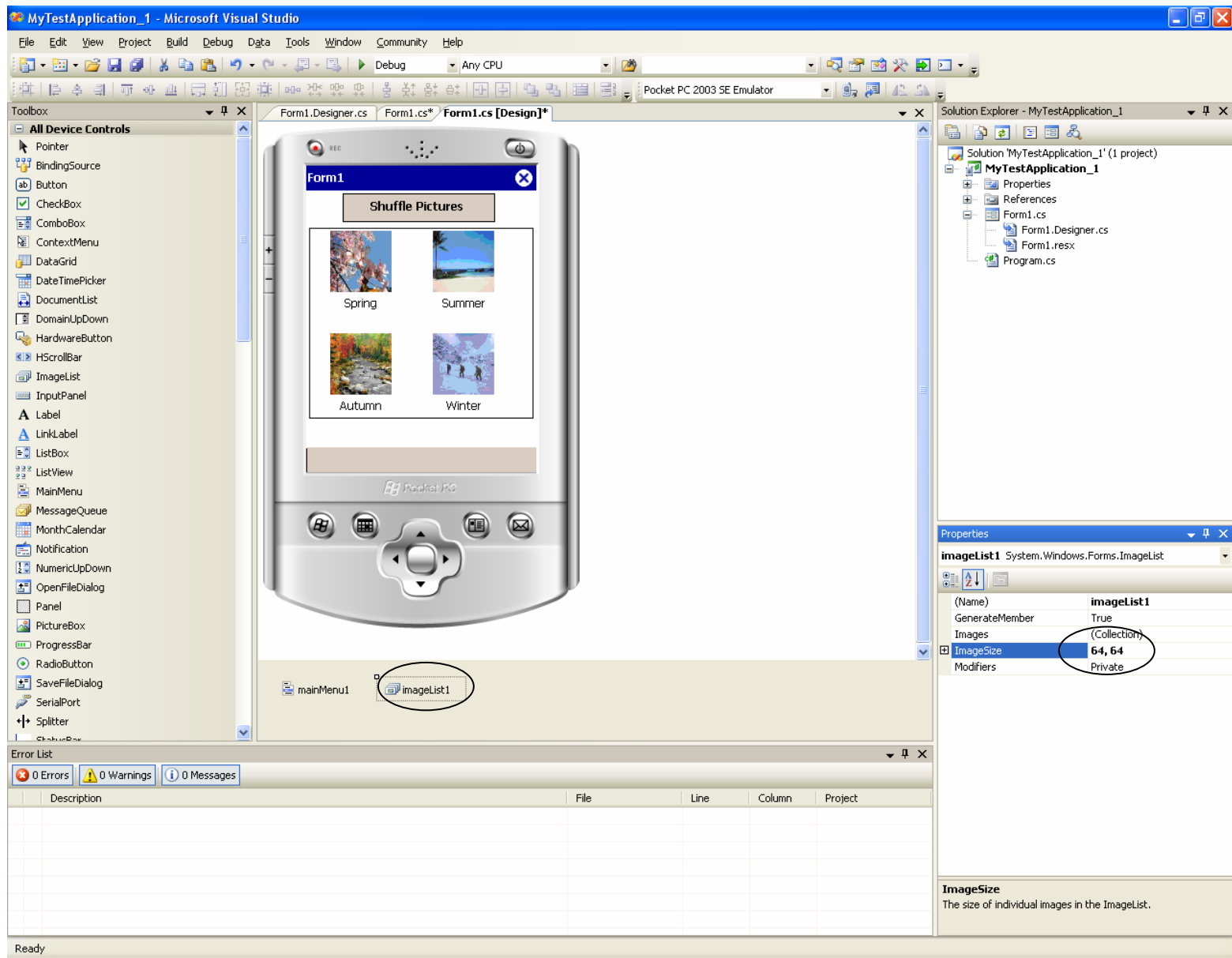


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Double-click on button and add below code inside
method body

```
private void button1_Click(object sender, EventArgs e)
{
    //get 4 random integers between 0 and 3
    int[] index = FillIndexes(4, 0, 4);

    //use random integers for random image assignment
    foreach (ListViewItem lvi in listView1.Items)
        lvi.ImageIndex = index[lvi.Index];
}
```

Add this method after
button1_Click(...) method
is closed

```
//generate given number of random integers between given Min and Max values
private int[] FillIndexes(int iCount, int iMin, int iMax)
{
    //initialize a random class
    Random rnd = new Random();
    //set a flag for avoiding repeated random values
    bool bExists;
    //create an array to fill up with random integers
    int[] indexes = new int[iCount];
    for (int i = 0; i < iCount; i++)
    {
        //first attempt must occur
        bExists = true;
        while (bExists)
        {
            //add a new generated random value to the array
            indexes[i] = rnd.Next(iMin, iMax);
            //imagine this is not a repeated random value
            bExists = false;
            //check within the generated random values
            if (i > 0)
            {
                for (int j = 0; j < i; j++)
                {
                    if (indexes[i] == indexes[j])
                    {
                        //set the flag as detected
                        bExists = true;
                        //no more loop when detected
                        break;
                    }
                }
            }
        }
    }
    return indexes;
}
```


...

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