

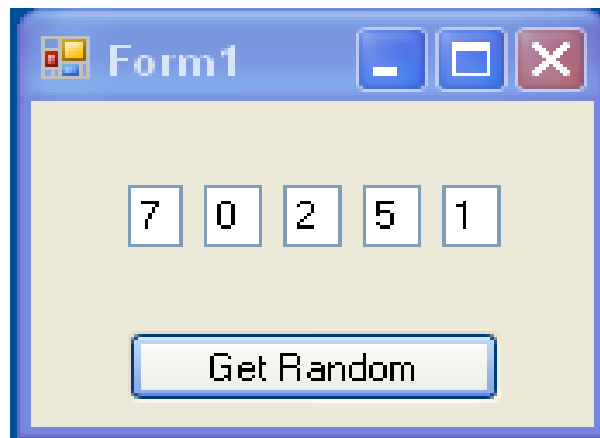
3.5 Random-Number Generation

- The element of chance can be introduced into computer applications with an instance of Random class as follows:

```
Random x = new Random( );  
int y = x. Next ( );
```

- The Next() method generates a positive integer value between zero and 2,147,483,647.
- The Next(m) produces an integer values from 0 through m-1.
- The Next(m,n) produces integers in the range from m to n-1.

© Dr Izeddin Hidar 2007



© Dr Izeddin Hidar 2007

```
private void ButGetRandom_Click(object sender, EventArgs e)
{
    Random x = new Random();
    Txt1.Text = x.Next(10).ToString();
    Txt2.Text = x.Next(10).ToString();
    Txt3.Text = x.Next(10).ToString();
    Txt4.Text = x.Next(10).ToString();
    Txt5.Text = x.Next(10).ToString();
}
```

<p style="text-align: center;">Chapter 4</p> <p style="text-align: center;">Arrays</p>
--