

# Windows ソフトを作ってみよう！

## サンプルプログラム 1

```
1: using System;
2: using System.Windows.Forms;
3:
4: class Hello: Form
5: {
6:     public static void Main()
7:     {
8:         Hello hw = new Hello();
9:         Application.Run(hw);
10:    }
11: }
```

## サンプルプログラム 2

```
1: using System;
2: using System.Windows.Forms;
3:
4: class Hello: Form
5: {
6:     public static void Main()
7:     {
8:         Hello hw = new Hello();
9:         hw.Text = "Hello, world!";
10:        Application.Run(hw);
11:    }
12: }
```

### サンプルプログラム 3

```
1: using System;
2: using System.Windows.Forms;
3:
4: class Hello: Form
5: {
6:     public static void Main()
7:     {
8:         Hello hw = new Hello();
9:         hw.Text = "アプリケーション名";
10:
11:         Button btn = new Button();
12:         btn.Parent = hw;
13:         btn.Text = "Push";
14:
15:         Application.Run(hw);
16:     }
17: }
```

## サンプルプログラム 4

```
1: using System;
2: using System.Windows.Forms;
3:
4: class Hello: Form
5: {
6:     static void btnOnClick(object sender, EventArgs e)
7:     {
8:         MessageBox.Show("押したね!");
9:     }
10:
11:     public static void Main()
12:     {
13:         Hello hw = new Hello();
14:         hw.Text = "アプリケーション名";
15:
16:         Button btn = new Button();
17:         btn.Parent = hw;
18:         btn.Text = "Push";
19:         btn.Click += new EventHandler(btnOnClick);
20:
21:         Application.Run(hw);
22:     }
23: }
```

## サンプルプログラム 5

```
1: using System;
2: using System.Drawing;
3: using System.Windows.Forms;
4:
5: class Hello: Form
6: {
7:     static void btnOnClick(object sender, EventArgs e)
8:     {
9:         MessageBox.Show("押したね!");
10:    }
11:
12:    public static void Main()
13:    {
14:        Hello hw = new Hello();
15:        hw.Text = "アプリケーション名";
16:
17:        TextBox box= new TextBox();
18:        box.Parent = hw;
19:        box.Text = "こんにちは";
20:
21:        Button btn = new Button();
22:        btn.Parent = hw;
23:        btn.Location = new Point(0, box.Height);
24:        btn.Text = "Push";
25:        btn.Click += new EventHandler(btnOnClick);
26:
27:        Application.Run(hw);
28:    }
29: }
```

## サンプルプログラム 6

```
1: using System;
2: using System.Drawing;
3: using System.Windows.Forms;
4:
5: class Hello: Form
6: {
7:     static void btn1OnClick(object sender, EventArgs e)
8:     {
9:         MessageBox.Show("正解!");
10:    }
11:
12:    static void btn2OnClick(object sender, EventArgs e)
13:    {
14:        MessageBox.Show("残念!");
15:    }
16:
17:    public static void Main()
18:    {
19:        Hello hw = new Hello();
20:        hw.Text = "アプリケーション名";
21:
22:        TextBox box= new TextBox();
23:        box.Parent = hw;
24:        box.Width = box.Width*2;
25:        box.Text = "茨城の県庁所在地は?";
26:
27:        Button btn1 = new Button();
28:        btn1.Parent = hw;
29:        btn1.Location = new Point(0, box.Height);
30:        btn1.Text = "水戸市";
31:        btn1.Click += new EventHandler(btn1OnClick);
32:
33:        Button btn2 = new Button();
34:        btn2.Parent = hw;
35:        btn2.Location = new Point(0, box.Height + btn1.Height);
36:        btn2.Text = "つくば市";
37:        btn2.Click += new EventHandler(btn2OnClick);
38:
39:        Application.Run(hw);
40:    }
41: }
```