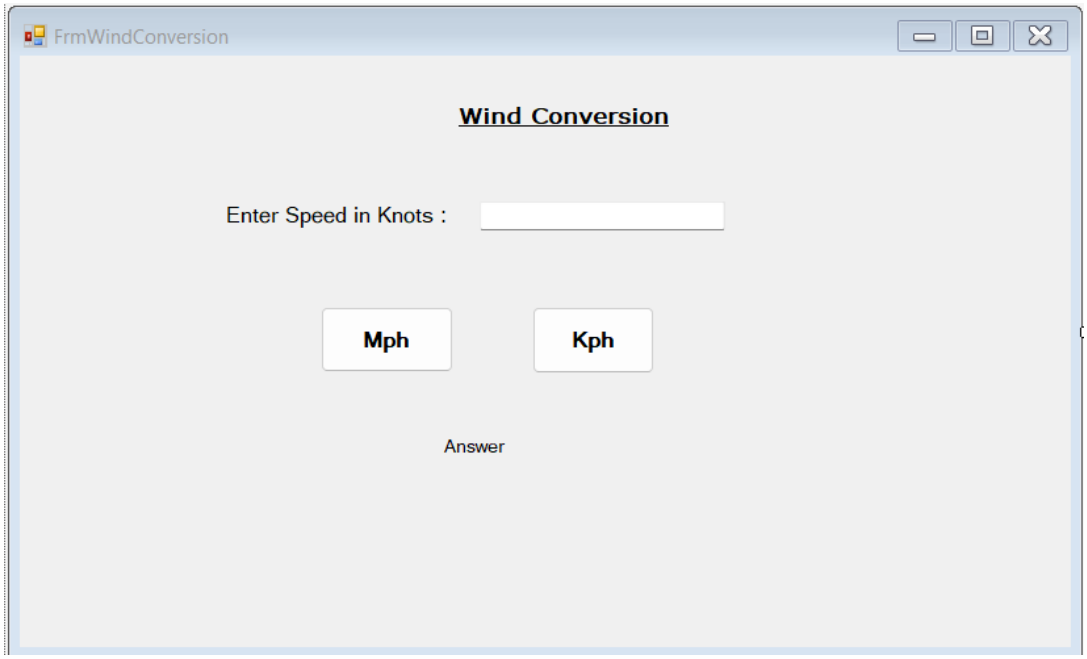
Que.3.Design a Window application in c# using objects and classes for wind conversion from knots to mph, kph.

Ans:

- **Code- FrmWindConversion.cs[Design]**



FrmWindConversion.cs

```
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;

namespace PracticalNo01
{
   public partial class FrmWindConversion : Form
   {
      SpeedConvert convert = null;
      public FrmWindConversion()
      {
         InitializeComponent();
      }
      private void btnMph_Click(object sender, EventArgs e)
      {
```

```
            double knots = Convert.ToInt32(txtKnots.Text);
            convert = new SpeedConvert(knots);
            lblMsg.Text = "Speed In Miles Per Hour: " +convert.convertMph().ToString();
        }

        private void btnKph_Click(object sender, EventArgs e)
        {
             double knots = Convert.ToInt32(txtKnots.Text);
            lblMsg.Text = "Speed In Kilometer Per Hour: " +convert.convertKph().ToString();
        }


    }
    class SpeedConvert
    {
        private double knots;

        public SpeedConvert()
        {
            knots = 0;

        }
        public SpeedConvert(double k)
        {
            knots = k;

        }
        public  double convertMph()
        {
            return knots * 1.1508;
        }
        public double convertKph()
        {
            return knots * 1.852;
        }
    }
}
```

Program.cs

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Threading.Tasks;
using System.Windows.Forms;

namespace PracticalNo01
{
    static class Program
    {
        /// <summary>
        /// The main entry point for the application.
        /// </summary>
        [STAThread]
        static void Main()
        {
```

```
            Application.EnableVisualStyles();
            Application.SetCompatibleTextRenderingDefault(false);
            Application.Run(new FrmWindConversion());
        }
    }
}
```

- **OUTPUT :**