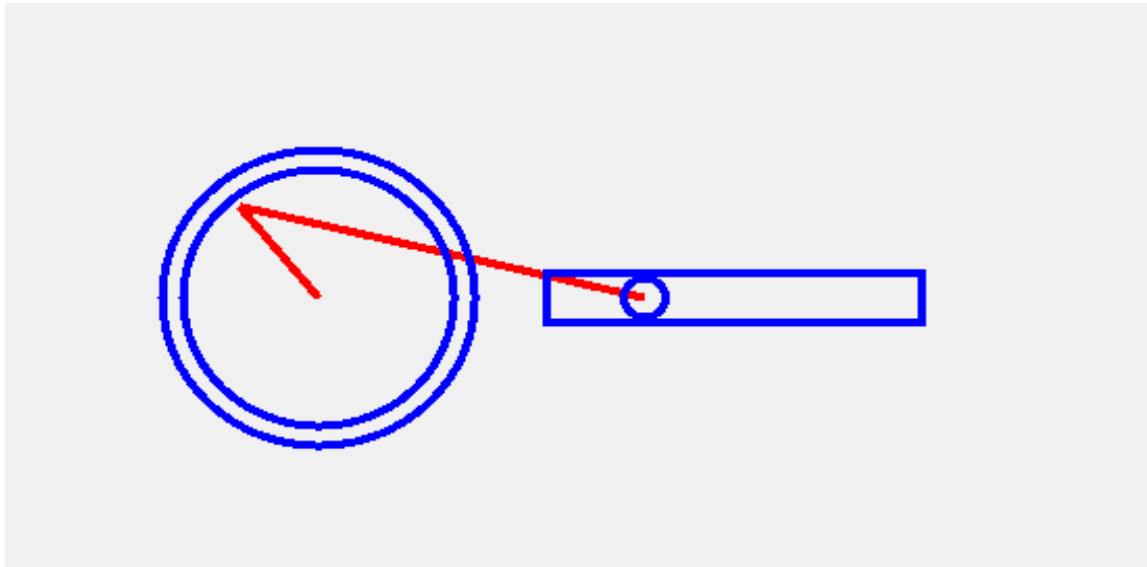| AD SOYAD	CENGİZHAN TOPÇU	KARABÜK ÜNİVERSİTESİ MÜHENDİSLİK FAKÜLTESİ MEKATRONİK MÜHENDİSLİĞİ
NUMARA	2017010225048	
İNTERNET TABANLI PROGRAMLAMA ÖDEV-5		
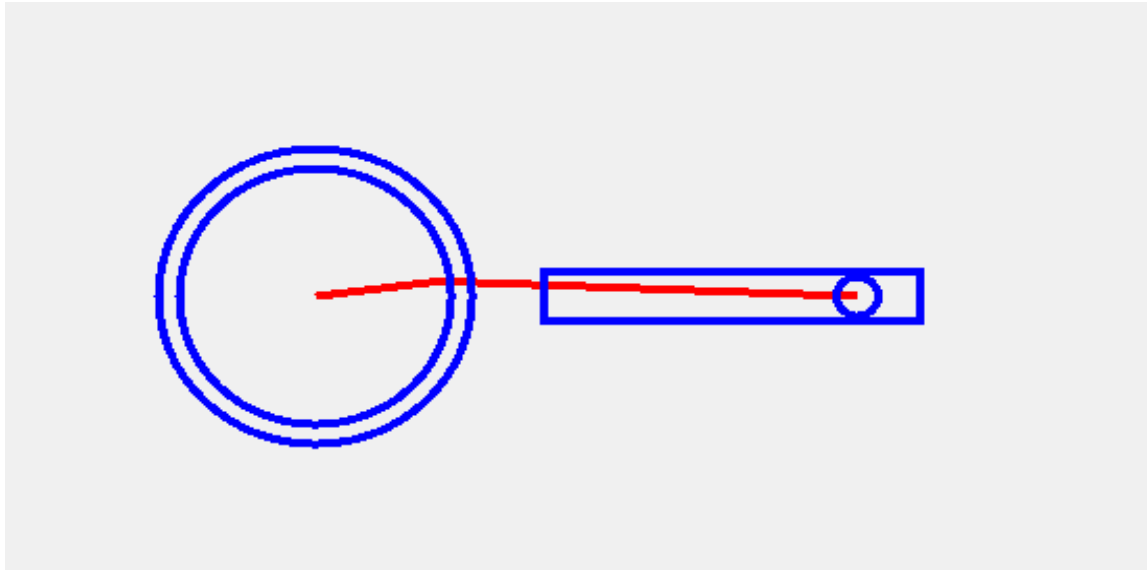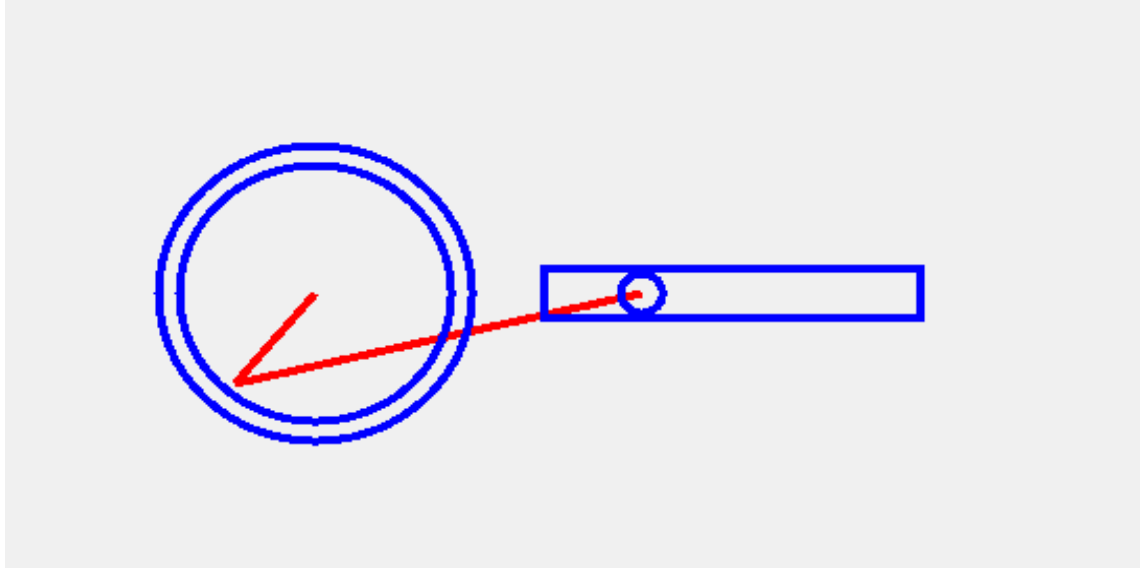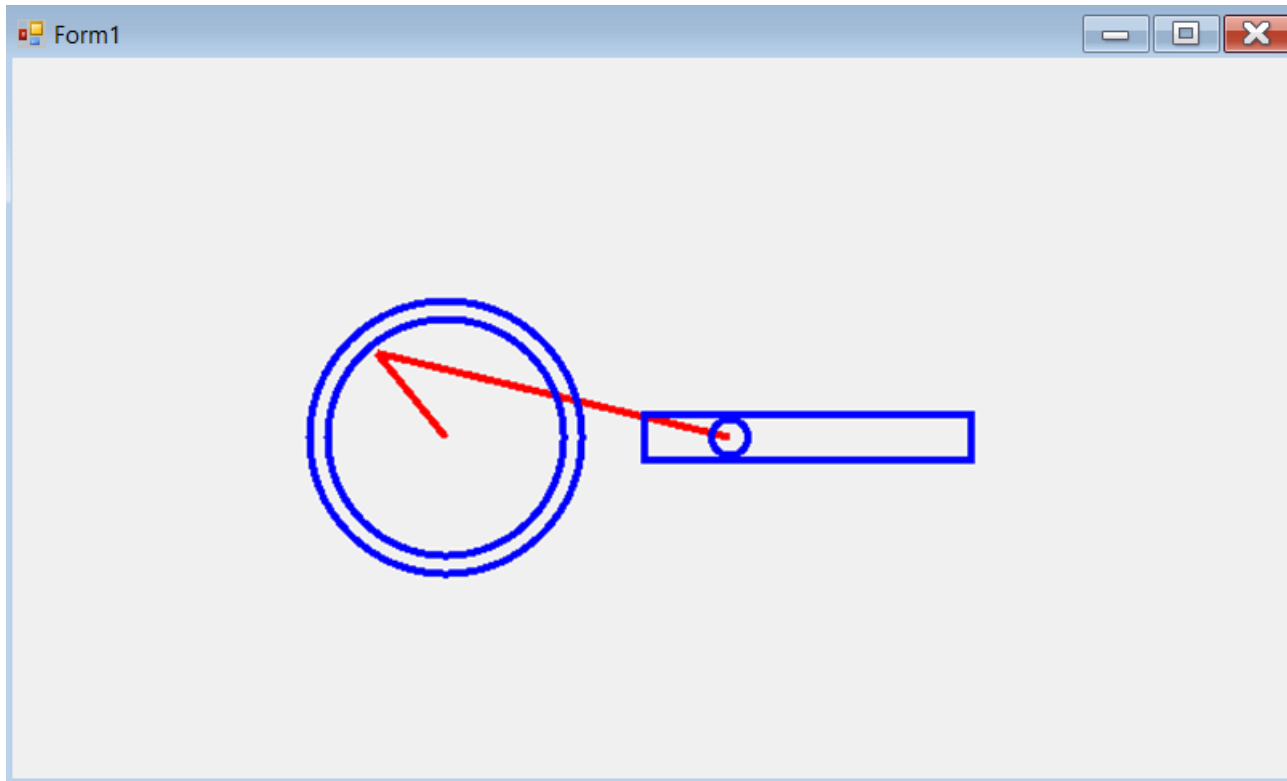
```csharp
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;

namespace proje5
{
    public partial class Form1 : Form
    {
        double L = 200;
        double x, x1;
        double y, y1;
        double alpha;
        double a, r = 60;
        double acı = 0.105;

        public Form1()
        {
            InitializeComponent();
        }
        private void Form1_Load(object sender, EventArgs e)
        {
            timer1.Interval = 30;
            timer1.Start();
            SetStyle(ControlStyles.OptimizedDoubleBuffer | ControlStyles.UserPaint |
ControlStyles.AllPaintingInWmPaint, true);
            DoubleBuffered = true;
        }
        private void timer1_Tick(object sender, EventArgs e)
        {
            alpha += 1;
            Invalidate();
        }
        private void Form1_Paint(object sender, PaintEventArgs e)
        {
            e.Graphics.TranslateTransform(150, 150);
```

```csharp
            Pen pen = new Pen(Color.Red, 4);
            Pen pen1 = new Pen(Color.Blue, 4);

            x1 = x - (r * Math.Cos(alpha * acı));
            y1 = y + (r * Math.Sin(alpha * acı));
            a = y1 + Math.Sqrt(L * L - x1 * x1);

            e.Graphics.DrawLine(pen, 0, 0, Convert.ToSingle(y1), Convert.ToSingle(x1));
            e.Graphics.DrawLine(pen, Convert.ToSingle(a), 0, Convert.ToSingle(y1),
Convert.ToSingle(x1));

            e.Graphics.DrawEllipse(pen1, Convert.ToSingle(a - 10), -10, 20, 20);
            e.Graphics.DrawEllipse(pen1, -65, -65, 130, 130);
            e.Graphics.DrawEllipse(pen1, -75, -75, 150, 150);

            e.Graphics.DrawRectangle(pen1, 110, -12.5f, 180, 25);


        }

    }
}
```