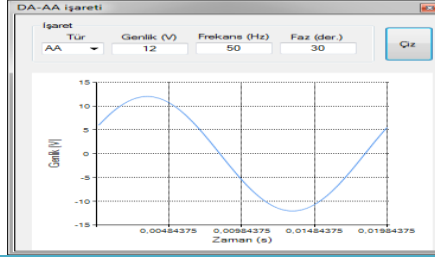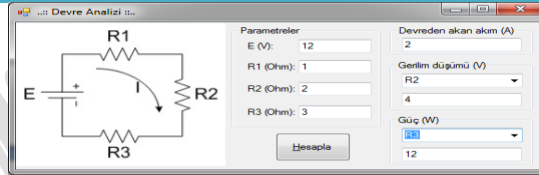# C#
GENEL ÖRNEKLER

DA-AA işareti çizdirme


```csharp
private void comboBox1_SelectedIndexChanged(object sender, EventArgs e)
{   if (comboBox1.Text == "DA")
        { label3.Visible = false; textBox2.Visible = false; label4.Visible = false; textBox3.Visible = false; }
    else
        { label3.Visible = true; textBox2.Visible = true; label4.Visible = true; textBox3.Visible = true; }
}

private void button1_Click(object sender, EventArgs e)
{   chart1.Series[0].Points.Clear();
    double t;
    if (comboBox1.Text == "DA")
        {   double a = Convert.ToDouble(textBox1.Text);
            for (t = 0; t <= 1; t += 0.001)
                    chart1.Series[0].Points.AddXY(t, a);
        }
    else
        {   double a = Convert.ToDouble(textBox1.Text); double f = Convert.ToDouble(textBox2.Text);
            double faz = Convert.ToDouble(textBox3.Text);
            for (t = 0; t <= 1/f; t += 1/(128*f))
                chart1.Series[0].Points.AddXY(t, a*Math.Sin(2*Math.PI*f*t+faz*Math.PI/180));
        }
}
```
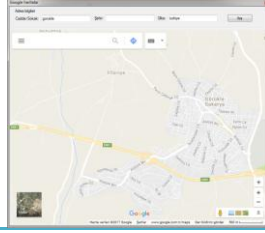
Devre analizi


```csharp
double v, i, r1, r2, r3, vr1, vr2, vr3, pr1, pr2, pr3;
private void button1_Click(object sender, EventArgs e)
{   v = Convert.ToDouble(textBox1.Text);
    r1 = Convert.ToDouble(textBox2.Text); r2 = Convert.ToDouble(textBox3.Text); r3 = Convert.ToDouble(textBox4.Text);
    i = v / (r1 + r2 + r3);
    vr1 = i * r1; vr2 = i * r2; vr3 = i * r3;
    pr1 = i * i * r1; pr2 = i * i * r2; pr3 = i * i * r3;
    textBox5.Text = i.ToString(); textBox6.Text = vr1.ToString(); textBox7.Text = pr1.ToString();
}

private void comboBox1_SelectedIndexChanged(object sender, EventArgs e)
{   if (comboBox1.Text == "R1")
        textBox6.Text = vr1.ToString();
    else if (comboBox1.Text=="R2")
        textBox6.Text=vr2.ToString();
    else
        textBox6.Text=vr3.ToString();
}

private void comboBox2_SelectedIndexChanged(object sender, EventArgs e)
{   if (comboBox2.Text == "R1")
        textBox7.Text = pr1.ToString();
    else if (comboBox2.Text == "R2")
        textBox7.Text = pr2.ToString();
    else
        textBox7.Text = pr3.ToString();
}
```
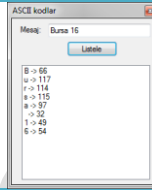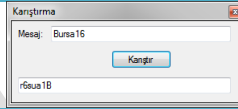
Google haritalar


```csharp
private void button1_Click(object sender, EventArgs e)
{ string cs = textBox1.Text, s = textBox2.Text, u = textBox3.Text;
   try
   { StringBuilder adres = new StringBuilder(); adres.Append("http://maps.google.com/maps?q=");
      if (cs != string.Empty) adres.Append(cs + ",+");
      if (s != string.Empty)  adres.Append(s + ",+");
      if (u != string.Empty)  adres.Append(u + ",+"); webBrowser1.Navigate(adres.ToString());
   }
   catch (Exception ex)
     { MessageBox.Show(ex.Message.ToString(), "Hata"); }
}
```
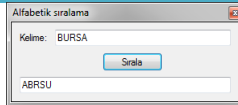
Karakterlerin ASCII kodları


```csharp
private void button1_Click(object sender, EventArgs e)
{ listBox1.Items.Clear();
   string m = textBox1.Text; char[] h = m.ToCharArray(); byte[] kod = System.Text.Encoding.UTF8.GetBytes(h);
   for (int i = 0; i < kod.Length; i++) listBox1.Items.Add(h[i] + " -> " + kod[i]);
}
```
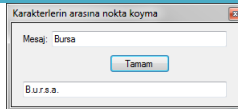
Karakterlerin yerlerini karıştırma


```csharp
private void button1_Click(object sender, EventArgs e)
{ string m = textBox1.Text, km = ""; int x,uz=m.Length;
   Random r = new Random();
   for (int i = uz; i >0; i--)
      { x = r.Next(0, uz); km += m[x];  m = m.Remove(x, 1); uz = m.Length;  }
   textBox2.Text = km;
}
```

Kelimenin karakterlerini alfabetik olarak sıralama


```csharp
private void button1_Click(object sender, EventArgs e)
{ string k = textBox1.Text, yk = ""; listBox1.Items.Clear();
   foreach (char h in k) listBox1.Items.Add(h);
   listBox1.Sorted = true;
   for (int i = 0; i < listBox1.Items.Count; i++) yk += listBox1.Items[i];
   textBox2.Text = yk;
}
```

Karakterlerin arasına nokta koyma


```csharp
private void button1_Click(object sender, EventArgs e)
{ string m = textBox1.Text, ym = "";
   foreach (char k in m) ym += k + ".";
   textBox2.Text = ym;
}
```