OSZTÁLYOK

PÉLDA 1

```csharp
class Diakok
    {
        // mezőnevek: oktazon,nev,hozott,kpmagy,kpmat
        public int oktazon { set; get; }
        public string nev { get; set; }
        public int hozott { get; set; }
        public int kpmagy { get; set; }
        public int kpmat { get; set; }
        public string tagozat { get; set; }
        public int jelentkezesSorsz { get; set; }
        public int osszpont { get; set; }

        public Diakok()
        { }

        public Diakok(string egysor)
        {
            string[] seged = egysor.Split(',');
            oktazon =int.Parse( seged[0]);
            nev = seged[1];
            hozott = int.Parse(seged[2]);
            kpmagy = int.Parse(seged[3]);
            kpmat = int.Parse(seged[4]);
            tagozat = string.Empty;
            jelentkezesSorsz = 0;

            osszpont = hozott + kpmagy + kpmat;
        }
    }
```

PÉLDA 2

```csharp
class Category
 {
    public int Id { get; set; }
    public string Name { get; set; }
    public Category(int id, string name)
    {
        Id = id;
        Name = name;
    }
 }
```

```csharp
public Ad(string egysor)
{
    string[] seged = egysor.Split(';');
    Id = int.Parse(seged[0]);
    Rooms = int.Parse(seged[1]);
    LatLong = seged[2];
    Floors = int.Parse(seged[3]);
    Area = int.Parse(seged[4]);
    FreeOfCharge = seged[5];
    Description = seged[6];
    ImageUrl = seged[7];
    CreateAt = Convert.ToDateTime(seged[8]);
    Seller = new Seller(int.Parse(seged[9]), seged[10], seged[11]);
    Category = new Category(Convert.ToInt32(seged[12]), seged[13]);
}
```

FÁJLBÓL OLVASÁS

```csharp
try
        {
            foreach (string sor in ile.ReadAllLines("diakok.csv").Skip(1))
            {
                diakok.Add(new Diakok(sor));
            }
            MessageBox.Show("A diakok.csv állományt beolvastam");
        }
        catch
        {
            Console.WriteLine("Hiba a fájl beolvasása során!");
        }
```

ADATBÁZISKEZELÉS

```csharp
namespace wpf1
{
    /// <summary>
    /// Interaction logic for Adatbazis.xaml
    /// </summary>
    public partial class Adatbazis : Window
    {
        static string kapcsolat =
"datasource=127.0.0.1;port=3306;username=root;password=;database=allokep";
        MySqlConnection con = new MySqlConnection(kapcsolat);
        public Adatbazis()
        {
            InitializeComponent();
        }

        private void button1_Click(object sender, RoutedEventArgs e)
        {
            //FRISSÍTÉS
            string parancs = "UPDATE megye SET letszam = 28642 WHERE nev =
'Vas'";
            MySqlCommand commandDatabase = new MySqlCommand(parancs, con);
            commandDatabase.CommandTimeout = 60;

            try
            {
                con.Open();
                //MySqlDataReader myReader = commandDatabase.ExecuteReader();
                commandDatabase.ExecuteNonQuery();
                MessageBox.Show("Sikeres az adatfrissítés");
                con.Close();
            }
```

```csharp
            catch (Exception ex)
            {
                MessageBox.Show(ex.Message);// Show any error message.
            }
        }

        private void button4_Click(object sender, RoutedEventArgs e)
        {

            //LISTÁZÁS
            string parancs = "SELECT * FROM megye";


            MySqlCommand commandDatabase = new MySqlCommand(parancs, con);
            commandDatabase.CommandTimeout = 60;

            con.Open();
            MySqlDataReader dr = commandDatabase.ExecuteReader();
            while (dr.Read())
            {
                listBox.Items.Add(dr.GetInt32(0) + " " + dr.GetString(1) + " "
+ dr.GetInt32(2));
            }
            dr.Close();

            commandDatabase.ExecuteNonQuery();
            //DataTable dt = new DataTable();
            //MySqlDataAdapter da = new MySqlDataAdapter(commandDatabase);
            //da.Fill(dt);
            //dataGridView2.DataSource = dt;
            con.Close();
        }

        private void button2_Click(object sender, RoutedEventArgs e)
        {
            //TÖRLÉS

            string parancs = "DELETE FROM megye WHERE nev = '" + txtNEV.Text +
"'";

            MySqlCommand commandDatabase = new MySqlCommand(parancs, con);
            commandDatabase.CommandTimeout = 60;

            try
            {
                con.Open();
                //MySqlDataReader myReader = commandDatabase.ExecuteReader();
                commandDatabase.ExecuteNonQuery();
                MessageBox.Show("Sikeres törlés");
```

```csharp
                con.Close();
            }
            catch (Exception ex)
            {
                MessageBox.Show(ex.Message);// Show any error message.
            }
        }

        private void button3_Click(object sender, RoutedEventArgs e)
        {
            //KERESÉS

            int count = 0;
            string parancs = "SELECT kod FROM megye WHERE nev = '" +
txtNEV.Text + "'";
            MySqlCommand commandDatabase = new MySqlCommand(parancs, con);
            commandDatabase.CommandTimeout = 60;

            con.Open();
            MySqlDataReader dr = commandDatabase.ExecuteReader();
            //commandDatabase.ExecuteNonQuery();
            //string talalat = "";
            while (dr.Read())
            {
                count++;
                //talalat += dr.GetInt32(2).ToString();
            }

            if (count == 0)
            {
                MessageBox.Show("Record not found");
            }
            else
            {
                MessageBox.Show("Record found");
            }
            dr.Close();
            con.Close();
        }

        private void button5_Click(object sender, RoutedEventArgs e)
        {
            //BESZÚRÁS

            int kod = int.Parse(txtKOD.Text);
            string nev = txtNEV.Text;
            int letszam = int.Parse(txtLETSZAM.Text);

            string parancs = "INSERT INTO `megye`(`kod`, `nev`, `letszam`) " +
```

```csharp
                        "VALUES ('" + kod + "', '" + nev + "', '" + letszam +
"')";

            MySqlConnection con = new MySqlConnection(kapcsolat);
            MySqlCommand commandDatabase = new MySqlCommand(parancs, con);
            commandDatabase.CommandTimeout = 60;
            try
            {
                con.Open();
                //MySqlDataReader myReader = commandDatabase.ExecuteReader();
                commandDatabase.ExecuteNonQuery();
                MessageBox.Show("Insert successfully");
                con.Close();
            }
            catch (Exception ex)
            {
                MessageBox.Show(ex.Message);// Show any error message.
            }
        }
    }
}
```