

```
1 using System;
2 using System.Data;
3 using System.Data.SqlClient;
4 using System.Text.RegularExpressions;
5 using System.Windows.Forms;
6
7 namespace WindowsFormsApp1 //ANDRÉ ANDERSEN
8 {
9     public partial class Form1 : Form
10    {
11        //ANDRÉ ANDERSEN
12        public Form1()
13        {
14            InitializeComponent();
15        }
16        //denne bliver connected til mit SQL database der hedder
17        "Systemudvikling1"
18        //SqlConnection conn = new SqlConnection(@"Data Source=LAPTOP -
19        DVUHU7TI;Initial Catalog=Systemudviklingtest1;Integrated
20        Security=True");
21        //Nedstående bliver connectet til Jens hosted database
22        SqlConnection conn = new SqlConnection("Server=den1.mssql8.gear.host;
23        Database=jtmdb; User ID=jtmdb; Password=Hn65 -?j8a9eZ");
24        private void Form1_Load(object sender, EventArgs e)
25        {
26            // TODO: This line of code loads data into the
27            'systemudviklingtest1DataSet.Kunde' table. You can move, or
28            remove it, as needed.
29            this.kundeTableAdapter.Fill
30            (this.systemudviklingtest1DataSet.Kunde);
31        }
32        bool korrektInfo = true;
33        private void button1_Click(object sender, EventArgs e)
34        {
35            conn.Open();
36
37            string sSQL = "INSERT INTO kunde VALUES(@id, @knavn, @kadresse)";
38
39            SqlCommand cmd = new SqlCommand(sSQL, conn);
40
41            cmd.Parameters.AddWithValue("@id", maskedTextBox1.Text);
42            cmd.Parameters.AddWithValue("@knavn", textBox2.Text);
43            cmd.Parameters.AddWithValue("@kadresse", textBox3.Text);
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43
44     if (korrektInfo == Regex.IsMatch((textBox2.Text) + (textBox3.Text), ↗
45         @"^[a-z A-Z]+$"))
46     {
47         MessageBox.Show("Kunde er gemt! ");
48         maskedTextBox1.Text = "";
49         textBox2.Text = "";
50         textBox3.Text = "";
51
52         cmd.ExecuteNonQuery();
53         conn.Close();
54     }
55     else
56     {
57         MessageBox.Show("Kunde er ikke gemt pga. forkerte tegn! ");
58         maskedTextBox1.Text = "";
59         textBox2.Text = "";
60         textBox3.Text = "";
61     }
62 }
63
64
65
66 }
67
68 private void button2_Click(object sender, EventArgs e)
69 {
70     conn.Open();
71
72     string sSQL = "Update kunde set knavn=@knavn, kadresse=@kadresse ↗
73         WHERE id=@id";
74
75     SqlCommand cmd = new SqlCommand(sSQL, conn);
76     cmd.Parameters.AddWithValue("@id", int.Parse(maskedTextBox1.Text));
77     cmd.Parameters.AddWithValue("@knavn", textBox2.Text);
78     cmd.Parameters.AddWithValue("@kadresse", textBox3.Text);
79
80     cmd.ExecuteNonQuery();
81     conn.Close();
82
83     MessageBox.Show("Kunde er opdateret! ");
84     maskedTextBox1.Text = "";
85     textBox2.Text = "";
86     textBox3.Text = "";
87 }
88
89 private void button3_Click(object sender, EventArgs e)
```

```
90     {
91         conn.Open();
92
93         string sSQL = "Delete FROM kunde WHERE id=@id";
94
95         SqlCommand cmd = new SqlCommand(sSQL, conn);
96         cmd.Parameters.AddWithValue("@id", int.Parse(maskedTextBox1.Text));
97
98         cmd.ExecuteNonQuery();
99         conn.Close();
100
101         MessageBox.Show("Kunde er slettet! ");
102         maskedTextBox1.Text = "";
103
104
105     }
106
107     private void button4_Click(object sender, EventArgs e)
108     {
109         conn.Open();
110
111         string sSQL = "SELECT * FROM kunde";
112         //læs omkring SqlDataAdapter+DataTable (klasserne indenfor SQL og ➦
113         c#)
114         SqlCommand cmd = new SqlCommand(sSQL, conn);
115         SqlDataAdapter da = new SqlDataAdapter(cmd);
116         DataTable dt = new DataTable();
117         da.Fill(dt);
118         dataGridView1.DataSource = dt;
119
120         conn.Close();
121
122     }
123
124     private void button5_Click(object sender, EventArgs e)
125     {
126         conn.Open();
127
128         string sSQL = "SELECT * FROM kunde where id=@id";
129         SqlCommand cmd = new SqlCommand(sSQL, conn);
130         cmd.Parameters.AddWithValue("@id", int.Parse(maskedTextBox1.Text));
131
132         SqlDataAdapter da = new SqlDataAdapter(cmd);
133         DataTable dt = new DataTable();
134         da.Fill(dt);
135         dataGridView1.DataSource = dt;
136
137         conn.Close();
```

```
138         }  
139  
140  
141     }  
142 }
```