private string captchaText;

private Random random = new Random();

private void button6\_Click(object sender, EventArgs e)

{

string username = txtUsername.Text;

string password = txtPassword.Text;

if (username == "user" && password == "user")

{

Form1 form1 = new Form1();

form1.Show();

this.Hide();

}

else

{

this.Width += 400;

GenerateCaptcha();

txtUsername.Clear();

txtPassword.Clear();

}

}

private void button1\_Click(object sender, EventArgs e)

{

GenerateCaptcha();

}

private void button2\_Click(object sender, EventArgs e)

{

if (txtCaptcha.Text == captchaText)

{

MessageBox.Show("Капча введена правильно!", "Успех",

MessageBoxButtons.OK, MessageBoxIcon.Information);

this.Width -= 400;

txtCaptcha.Clear();

}

else

{

MessageBox.Show("Неправильная капча. Попробуйте снова."

, "Ошибка", MessageBoxButtons.OK, MessageBoxIcon.Error);

GenerateCaptcha();

txtCaptcha.Clear();

}

}

private void GenerateCaptcha()

{

captchaText = GenerateRandomString(6);

DrawCaptcha(captchaText);

}

private string GenerateRandomString(int length)

{

const string chars = "ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghij

klmnopqrstuvwxyz0123456789АБВГДЕЁЖЗИЙКЛМНОПРСТУФХЦЧШЩ

ЪЫЬЭЮЯабвгдежзийклмнопрстуфхцчшщъыьэюя";

StringBuilder result = new StringBuilder();

for (int i = 0; i < length; i++)

{

result.Append(chars[random.Next(chars.Length)]);

}

return result.ToString();

}

private void DrawCaptcha(string text)

{

Bitmap bitmap = new Bitmap(200, 50);

using (Graphics g = Graphics.FromImage(bitmap))

{

g.Clear(Color.White);

Font font = new Font("Arial", 24, FontStyle.Bold);

Random heightRandom = new Random();

for (int i = 0; i < text.Length; i++)

{

float yOffset = heightRandom.Next(-10, 10);

float xOffset = 30 \* i;

g.DrawString(text[i].ToString(), font, Brushes.Black,

new PointF(xOffset, 10 + yOffset));

}

g.DrawLine(new Pen(Color.Red, 2), 0, 25, bitmap.Width, 25);

}

captchaLabel.Image = bitmap;

}