**LAB-1**

**CODE:**

using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Data.SqlClient;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

namespace WindowsCrud

{

public partial class Form1 : Form

{

public Form1()

{

InitializeComponent();

}

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

{

this.Close();

}

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

{

SqlConnection con = new SqlConnection("Data Source=DESKTOP7EUNAOO\\MSSQLSERVER01;Initial Catalog=ut;Integrated Security=True;Pooling=False");

con.Open();

SqlCommand cmd = new SqlCommand("insert into ut

values(@id,@namee,@age)", con);

cmd.Parameters.AddWithValue("@id", int.Parse(textBox1.Text));

cmd.Parameters.AddWithValue("@namee", textBox2.Text);

cmd.Parameters.AddWithValue("@age", double.Parse(textBox3.Text));

cmd.ExecuteNonQuery();

con.Close();

MessageBox.Show("successfully saved");

}

private void button3\_Click(object sender, EventArgs e)

{

SqlConnection con = new SqlConnection("Data Source=DESKTOP7EUNAOO\\MSSQLSERVER01;Initial Catalog=ut;Integrated Security=True;Pooling=False");

con.Open();

SqlCommand cmd = new SqlCommand("update ut set name=@namee, age=@age

where id=@id", con);

cmd.Parameters.AddWithValue("@id", int.Parse(textBox1.Text));

cmd.Parameters.AddWithValue("@namee", textBox2.Text);

cmd.Parameters.AddWithValue("@age", double.Parse(textBox3.Text));

cmd.ExecuteNonQuery();

con.Close();

MessageBox.Show("successfully updated");

}

private void button4\_Click(object sender, EventArgs e)

{

SqlConnection con = new SqlConnection("Data Source=DESKTOP7EUNAOO\\MSSQLSERVER01;Initial Catalog=ut;Integrated Security=True;Pooling=False");

con.Open();

SqlCommand cmd = new SqlCommand("delete ut where id=@id", con);

cmd.Parameters.AddWithValue("@id", int.Parse(textBox1.Text));

cmd.ExecuteNonQuery();

con.Close();

MessageBox.Show("successfully deleted");

}

private void button5\_Click(object sender, EventArgs e)

{

SqlConnection con = new SqlConnection("Data Source=DESKTOP7EUNAOO\\MSSQLSERVER01;Initial Catalog=ut;Integrated Security=True;Pooling=False");

con.Open();

SqlCommand cmd = new SqlCommand("select \* from ut where id=@id", con);

cmd.Parameters.AddWithValue("@id", int.Parse(textBox1.Text));

SqlDataAdapter da = new SqlDataAdapter(cmd);

DataTable dt = new DataTable();

da.Fill(dt);

dataGridView1.DataSource = dt;

}

private void Form1\_Load(object sender, EventArgs e)

{

}

}

}

**OUTPUT:**









