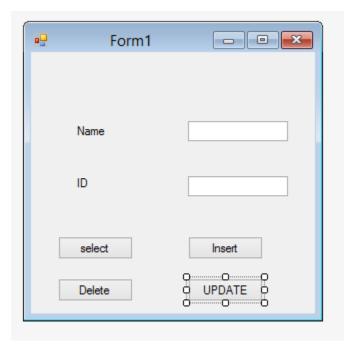
```
namespace Demo
  public partial class Form1: Form
     OracleConnection conn;
     OracleCommand comm;
    OracleDataAdapter da;
    DataSet ds;
    DataTable dt;
    DataRow dr;
    int i = 0;
    public Form 1()
       InitializeComponent();
     public void connect1()
       String oradb = "DATA SOURCE=ICTORCL; PERSIST SECURITY
INFO=True;USER ID=CC3007;Password=student";
       conn = new OracleConnection(oradb); // C#
       conn.Open();
    private void button1_Click(object sender, EventArgs e)
       try
          connect10;
          OracleCommand cm = new OracleCommand();
          cm.Connection = conn;
         cm.CommandText = "insert into demo values("" + textBox1.Text + ""," +
textBox2.Text + ")"; // if the type is varchar precede the value by quote '
          cm.CommandType = CommandType.Text;
         cm. ExecuteNonQuery(); /*Executes statement against the connection and returns the number of MessageBox.Show("Inserted!"); the number of rows affected by the command. */
          cm.ExecuteNonQuery();
          conn.Close();
       catch (Exception esp)
          MessageBox.Show("Caught");
```

```
private void button2_Click(object sender, EventArgs e)
      connect10;
      comm = new OracleCommand();
      comm.CommandText = "select * from demo";
      comm.CommandType = CommandType.Text;
      ds = new DataSet();
      da = new OracleDataAdapter(comm.CommandText, conn);
      da.Fill(ds, "demo");
      dt = ds.Tables["demo"];
      int t = dt.Rows.Count;
      MessageBox.Show(t.ToString());
      dr = dt.Rows[i];
      textBox2.Text = dr["id"].ToString();
      textBox1.Text = dr["name"].ToString();
      conn.Close();
    }
    private void button3_Click(object sender, EventArgs e)
      try
         connect10;
         OracleCommand cm = new OracleCommand();
         cm.Connection = conn;
         cm.CommandText = "DELETE FROM demo "+ " WHERE id " + " = " +
textBox2.Text;
         cm.CommandType = CommandType.Text;
         cm.ExecuteNonQuery();
         MessageBox.Show("Deleted!");
         conn.Close();
      catch (Exception ew)
         Console.WriteLine("Error: " + ew);
        // Console.WriteLine(ew.StackTrace);
    private void button4_Click(object sender, EventArgs e)
      try
```

```
connect10;
   OracleCommand cm = new OracleCommand();
   cm.Connection = conn;
   cm.CommandText = "UPDATE demo "+ " SET NAME " + " = "" +
textBox1.Text + "" WHERE ID =" +textBox2.Text;
   cm.CommandType = CommandType.Text;
   cm.ExecuteNonQuery();
   MessageBox.Show("updated!");
   conn.Close();
}
catch (Exception ew)
{
   Console.WriteLine("Error: " + ew);
   // Console.WriteLine(ew.StackTrace);
}
}
```

Front End



DataBase:

Name	Nu11?	Туре
NAME I D	NOT NULL	UARCHAR2(20) NUMBER(38)