private void CreateNewUser()

{

string connectionString = "SERVER=" + DBConnect.SERVER + ";" +

"DATABASE=" + DBConnect.DATABASE\_NAME + ";" + "UID=" +

DBConnect.USER\_NAME + ";" + "PASSWORD=" +

DBConnect.PASSWORD + ";" + "SslMode=" +

DBConnect.SslMode + ";";

try

{

//This is going to create a new user into the database

string CreateUserQuery = "insert isad157\_SSyantanTamang.users set FirstName = '" + this.textFirstName.Text +

"',LastName='" + this.textLastName.Text + "',Gender='" + this.textGender.Text +

"',Hometown='" + this.textHometown.Text + "',City='" + this.textCity.Text +"';";

//Creates a connection between our Windows form and our Database

MySqlConnection MyDBConnection = new MySqlConnection(connectionString);

MySqlCommand sqlcmd = new MySqlCommand(CreateUserQuery, MyDBConnection);

MySqlDataReader QueryReader;

//Opens the connection to our database

MyDBConnection.Open();

QueryReader = sqlcmd.ExecuteReader();

//Displays a message informing the User that the details were successfully changed

MessageBox.Show("A new User has now been added, please refresh!");

while (QueryReader.Read())

{

}

//Close Database Connection

MyDBConnection.Close();

}

catch (Exception ex)

{

MessageBox.Show(ex.Message);

}

}

private void UserUpdate()

{

string connectionString = "SERVER=" + DBConnect.SERVER + ";" +

"DATABASE=" + DBConnect.DATABASE\_NAME + ";" + "UID=" +

DBConnect.USER\_NAME + ";" + "PASSWORD=" +

DBConnect.PASSWORD + ";" + "SslMode=" +

DBConnect.SslMode + ";";

try

{

//This is an Update query which which will replace the text from the window form to the database

string UserUpdateQuery = "update isad157\_SSyantanTamang.users set UserID='" + this.textUserID.Text + "' ,FirstName = '" + this.textFirstName.Text +

"',LastName='" + this.textLastName.Text + "',Gender='" + this.textGender.Text +

"',Hometown='" + this.textHometown.Text + "',City='" + this.textCity.Text + "' where UserID='" + this.textUserID.Text + "';";

//Creates a connection between our Windows form and our Database

MySqlConnection MyConnection = new MySqlConnection(connectionString);

MySqlCommand sqlcmd = new MySqlCommand(UserUpdateQuery, MyConnection);

MySqlDataReader QueryReader;

//Opens the connection to our database

MyConnection.Open();

QueryReader = sqlcmd.ExecuteReader();

//Displays a message informing the User that the details were successfully changed

MessageBox.Show("Details have now been updated, please refresh!");

while (QueryReader.Read())

{

}

//Close Database Connection

MyConnection.Close();

}

catch (Exception ex)

{

MessageBox.Show(ex.Message);

}

}

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

{

CreateNewUser();

}

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

{

UserUpdate();

}

private void dataGridUser\_CellClick(object sender, DataGridViewCellEventArgs e)

{

IndexRow = e.RowIndex;

//Selected row will be displayed on the textboxes

if (ComboBoxDB.SelectedIndex == 0)

{

if (IndexRow >= 0)

{

//populate the textbox

DataGridViewRow row = this.dataGridUser.Rows[IndexRow];

textUserID.Text = row.Cells["UserID"].Value.ToString();

textFirstName.Text = row.Cells["FirstName"].Value.ToString();

textLastName.Text = row.Cells["LastName"].Value.ToString();

textGender.Text = row.Cells["Gender"].Value.ToString();

textHometown.Text = row.Cells["Hometown"].Value.ToString();

textCity.Text = row.Cells["City"].Value.ToString();

}

}

}

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

{

Application.Exit();

}

}