Documentation

# Objectives:

* Familiarize with Databases using Visual Studio and C#

# Exercises

**Exercise 1**

* The first exercise shows how to make some basic operations using databases.
* Each operation with its corresponding piece of code is show bellow:

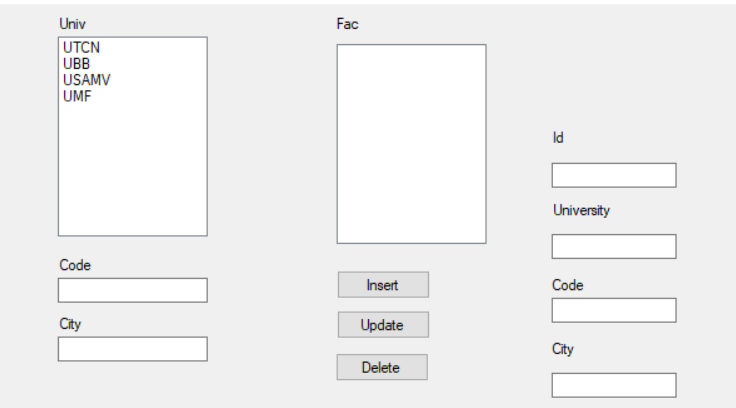


Fig. 1 The Database Before The addition Operation

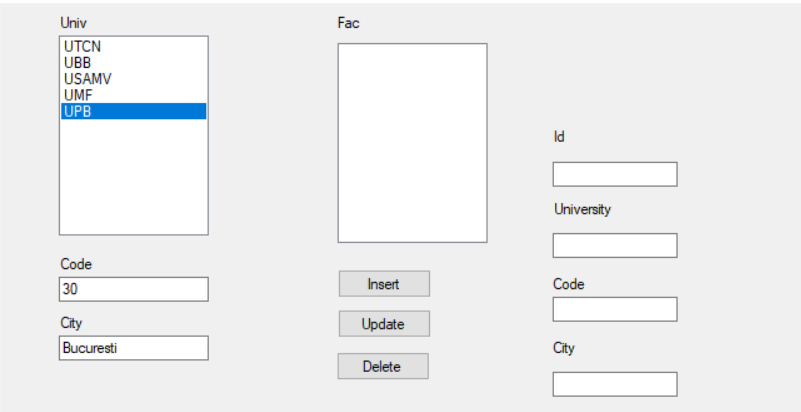


Fig. 2 The Database after inserted the “UPB” University from Bucharest

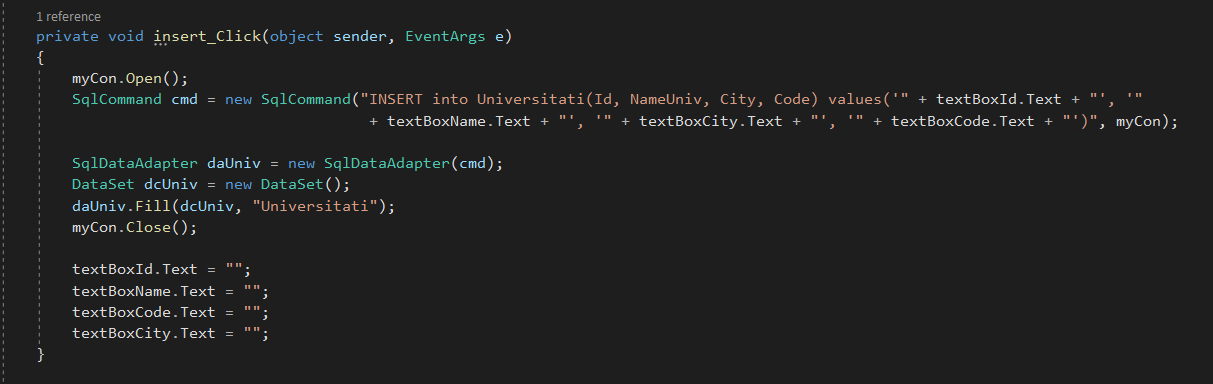


Fig. 3 Code for the Insert operation

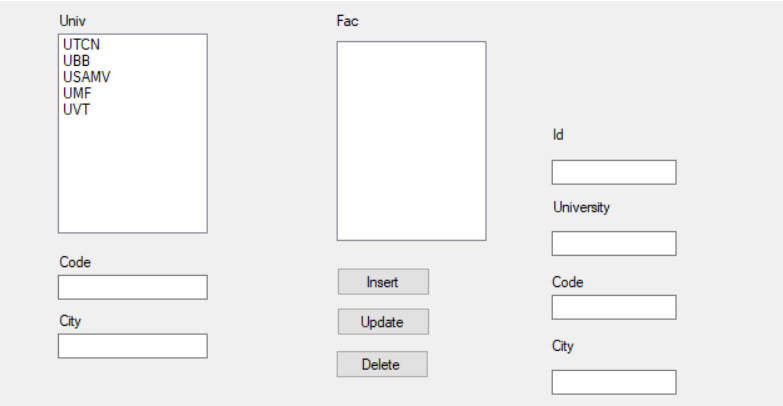


Fig. 4 The database after the “UPB” University was deleted

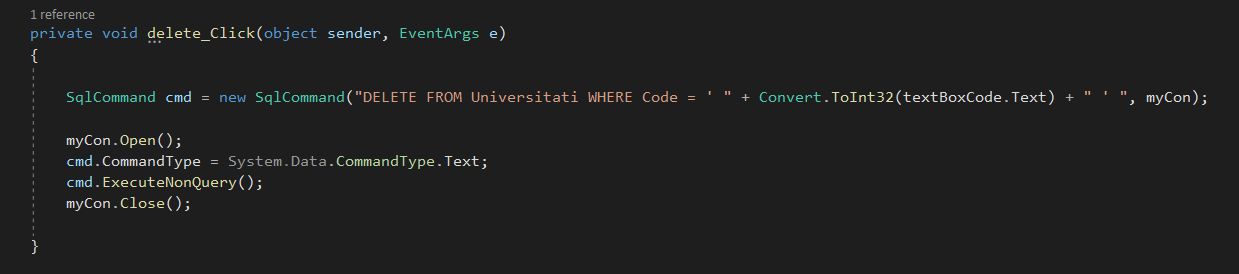


Fig. 5 Code for Delete Operation

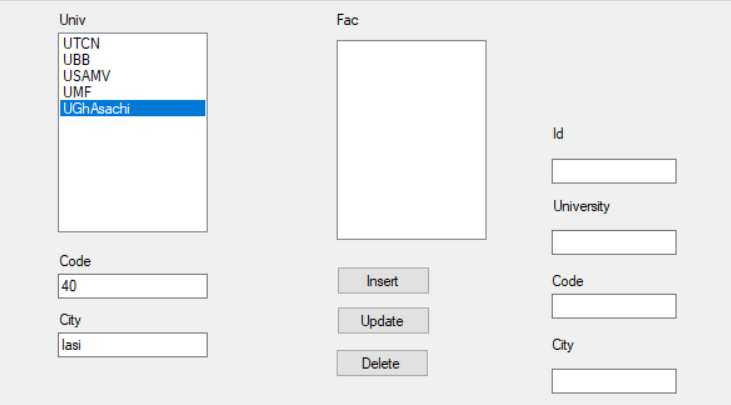


Fig. 6 The database after “UVT” was replaced with “UGhAsachi” from Iasi

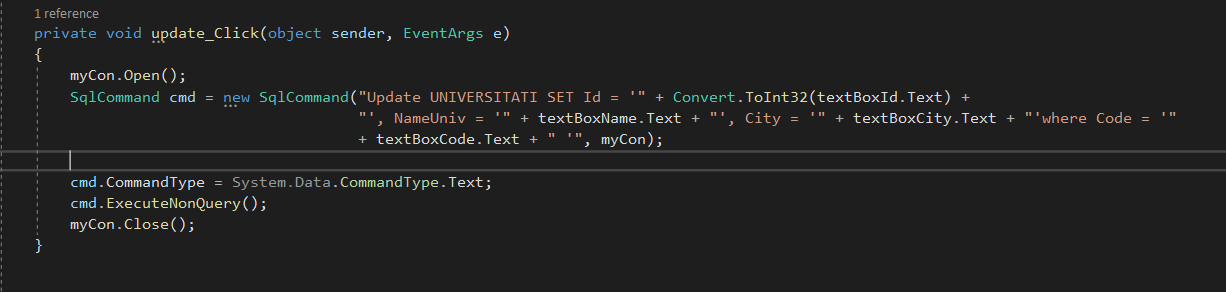


Fig. 7 Code for Update Operation

**Exercise 2**

* The second exercise is somehow similar with the first one
* We are using the “Faculties” Table and the operations are made using a dataGridView
* The figures below exemplifies these operations.

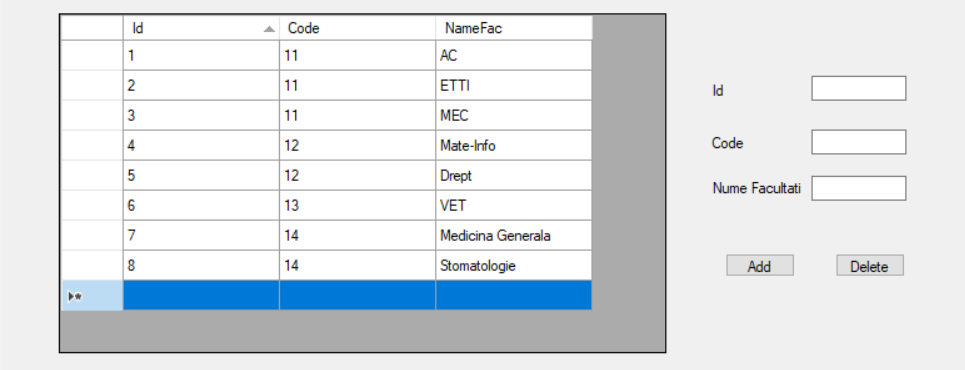


Fig. 8 The Faculty Table before adding anything

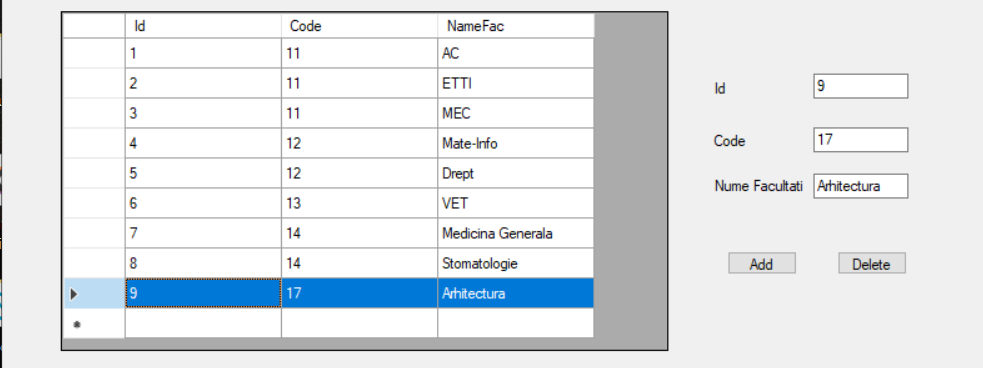


Fig. 9 The Faculty Table After adding the “Arhitectura” Faculty

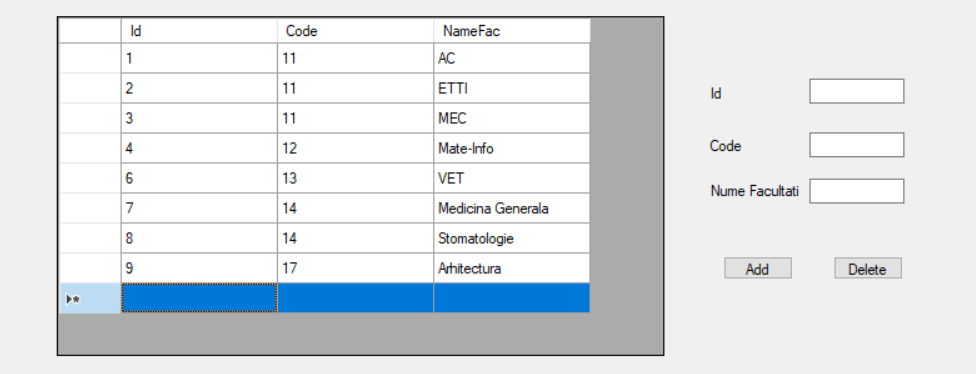


Fig. 10 The Facuty Table after deleting “Drept” Faculty