# DATABASES – PRACTICAL EXERCISES

We will develop a database project called “SighisoaraCamp” that will include a list of students who attended the camp in Sighisoara, as well as information about special menus. We will manage this data using four tables:

1. The "Students" table:

* student\_id (primary key)
* first\_name
* last\_name
* birth\_year
* class
* chosen\_camp\_location (ID referenced to "CampLocations" table)

2. "CampLocations" table:

* camp\_location\_id (primary key)
* location\_name

3. "SighisoaraCampParticipants" table (Sighisoara camp participants):

* participant\_id (primary key)
* student\_id (foreign key referenced to "Students" table)
* camp\_location\_id (foreign key referenced to "CampLocations" table)
* special\_menu BOOLEAN

4. "SpecialMenus" table:

* special\_menu\_id (primary key)
* menu\_name

# Task1: Creating the "SighisoaraCamp" database

# Task2: Creating the "CampLocations" Table

# Task3: Creating the "Students" Table

# Task4: Creating the "SpecialMenus" Table

# Task5: Creation of the "SighisoaraCampParticipants" Table

# Task6: Inserting values ​​into the "CampLocations" table

# Task7: Inserting values into the "Students" table

# Task8: Inserting values into the "SpecialMenus" table

# Task9: Inserting values into the "SighisoaraCampParticipants" table

# Task10: Updating the year of birth for a student with ID 2

# Task11: Updating the special menu for a participant with ID 1

# Task12: Display of all students who go to the camp in Sighisoara

# Task13: Display of students who have a special menu at the camp in Sighisoara

# Task14: Deleting a student from the "Students" table and all associated data