# Exercises: Cascade Operations and E/R Diagrams

## SoftUni Design

Create an **E/R Diagram** of the SoftUni Database. There are some **special relations** you should **check out**: Employees are **self-referenced** (ManagerID) and Departments have **One-to-One** with the Employees (ManagerID) while the Employees have **One-to-Many** (DepartmentID). You might find it interesting how it looks on the diagram. ☺

## Geography Design

Create an **E/R Diagram** of the Geography Database.

## \*Peaks in Rila

Display **all peaks** for **"Rila"** mountain. Include:

* **MountainRange**
* **PeakName**
* **Elevation**

Peaks should be **sorted** by **elevation descending**.

### Example

|  |  |  |
| --- | --- | --- |
| **MountainRange** | **PeakName** | **Elevation** |
| Rila | Musala | 2925 |
| … | … | … |

You can check your solution here: <https://judge.softuni.org/Contests/3133/Cascade-Operations-and-ER-Diagrams>.