ER-SQL exercise session

1. Construct an ER diagram of TSO infrastructure based on the given info:
   a. Any Substation consists of Breakers and Disconnector. Substations belong to TSO. TSO hires Personnel.
   b. Substation needs to contain important parameters such as Name (ID), Region, Voltage Level, number of Breakers, number of Disconnectors.
   c. Breaker has to have following info: Name (ID), Type, Rated current, Status and Date of installation.
   d. Disconnector – Name(ID), Status, Number of switching operation
   e. TSO has to contain following parameters: Name(ID), Type of ownership, number of Substations, Number of Employees.
   f. Personnel – First name, Last name, Age, Position, Phone number, Hire date.

   Remember to specify type of Relation (1:1, 1:n, n:n).

2. Convert the ER diagram into Table structure.

3. Write SQL query script to construct corresponding database for TSO infrastructure.