1. a) Create a table called Feedback to store employee evaluations. Table creation + constraints + table connections + inserting
   * Feedback\_id: The feedback ID.
   * Employee\_id: Identifier of the employee.
   * Feedback\_date: Date of the feedback.
   * Feedback\_empid: The employee ID who gave the feedback.
   * Rating: The rating (1-5, number type).

b) Create two foreign key relationships between the Feedback and Employees tables.

c) Ensure that only values between 1 and 5 are allowed in the Rating column.

d) Fill the table with the values in the table.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Feedback\_id [PK]** | **Employee\_id** | **Feedback\_date** | **Feedback\_empid** | **Rating** |
| 10 | 101 | 2005-10-20 | 108 | 3 |
| 20 | 109 | 2006-03-14 | 111 | 4 |
| 30 | 131 | 2005-07-27 | 124 | 5 |
| 40 | 104 | 2006-02-15 | 104 | 4 |

2. a) List the departments and the full name of the employee where there is at least one employee who received a 4 or 5. Sort by surname in alphabetical order

b) List the full names and feedback dates of employees who received feedback before 2006 and also list in the 'Months' column the number of months since feedback, rounded to two decimal places.

c) Create a view called 'review' to store a textual record of the review an employee has received. The rating column should be based on the following text feedback:

-if 5, then 'Excellent',

-if 4, then 'Good',

-if 3, then 'Medium',

-If 2, then 'Minimum',

-if 1, then 'Bad',

Store the employee ID, department ID, feedback date, and text rating.

d) Create a query that displays which employee is where in the hierarchy!

The result of the query should display the employee's name in an 'employee' column, the path to the company manager, and the length of the path to the company manager. In addition, depending on the employee's position in the company hierarchy, the columns 'manager', 'supervisor', 'employee' should be displayed (manager at the top, manager below, and employee below!)

3. a) Delete the feedback from the Feedback table, the feedback before 2006!

b) Delete the view and the table!