**Views and rules (day 6)**

1. Create a view that shows the project number and name along with the total number of hours worked on each project.
2. Create a view that displays the project number and name along with the name of the department managing the project, ordered by project number.
3. Create a view that shows the project name and location along with the total number of employees working on each project.
4. Create a view that displays the department number, name, and the number of employees in each department.
5. Create a view that shows the names of employees who work on more than one project, along with the count of projects they work on.
6. Create a view that displays the average salary of employees in each department, along with the department name.
7. Create a view that lists the names and **age** of employees and their dependents in a single result set. **The age should be calculated based on the current date.**
8. Create a view that displays the names of employees who have dependents, along with the number of dependents each employee has.
9. Create a new user defined data type named **loc** with the following Criteria:

• nchar(2)

• default: NY

• create a rule for this data type : values in (NY,DS,KW)) and associate it to the location column in new table named project2 with (name ,location)  
Bonus:

1. Create a view that displays the full name (first name and last name), salary, and the name of the department for employees working in the department with the highest average salary.
2. Create a view that displays the names and salaries of employees who earn more than the average salary of their department.