

Exercises 5

19. May 2020

1 Forming SQL queries using ORM tools

Considering the part of the database COMPANY (for which we created a model in lectures) write the following SQL queries using SQLAlchemy ORM tool.

1. Retrieve the name and address of all employees who work for the "Research"department.
2. For every project located in 'Stafford', list the project number, the controlling department number, and the department manager's last name, address, and birth date
3. List the names and address of all employees who live in Huston, TX.
4. Retrive the names (first and last name) and address of all employees who live in Ballaire TX or in Spring TX.
5. For each employee who has a supervisor, print his or her name and the name of his or her supervisor.
6. For each employee, retrieve his or her name, surname and the address if the employee is supervized by someone who is supervised by James Borg
7. For each employee, retrieve his or her name and surname and the name of his or her supervisor, if the employee has a supervisor (if not then just print None or leave the column empty).