5DV021 Principles of Database Systems Fall 2009
Obligatory Software Exercise
Test queries

All solutions to Obligatory Exercise must include a printout of the results of running the following queries, in the order indicated. Only the tuples in the relations which were changed need be shown. Any error message (generated by your system) due to an invalid query must also be shown.

Note that some departments, projects, and employees do not exist. These should be flagged as errors by your system, bu they should not crash the system.

1. Change the name of the ProductX project to Voleware.
2. Change the location of the ProductY project to Austin.
3. Change the location of the ProductY project to Bellaire.
4. Change the department of the ProductY project to Redundancy.
5. Change the department of the ProductY project to Administration.
6. Add employee 987654321 to the ProductY project.
7. Add employee 111111111 to the ProductY project.
8. Add employee 888665555 to the Computerization project.
9. Delete employee 123456789 from the ProductY project.
10. Delete employee 888665555 from the ProductY project.
11. Change the number of hours which employee 123456789 works on the ProductX project to 40.
12. Change the number of hours which employee 999887777 works on the Computerization project to 41.
13. Change the number of hours which employee 999887777 works on the Computerization project to 0.
14. Change the number of hours which employee 999887777 works on the Computerization project to NULL.
15. Change the number of hours which employee 888665555 works on the Reorganization project to 10.
16. Display a report for the Computerization project.
17. Display a report for the ProductY project.
18. List all overtime employees.