Assignment No. 4: Database Installation

Solutions due 17 July. Upload your solution to Blackboard as a single pdf file.

Create an ORACLE "department store" database that corresponds to your design (Assignments 1 and 2), but reflecting any corrections that were necessary. Include all appropriate constraints. Load your database with at least 250 tuples. Include tuples that cover "interesting" cases (in particular, situations described in the queries that were the subject of Assignment 3). Generate a pdf "printout", showing all relation schemas and relations. The printout should be the output of a script that consists of the following three queries, repeated for every relation R in your database (see the primer for additional information on these commands, and on using scripts).

1. To display the attributes of R:

   ```
   DESCRIBE R
   ```

2. To display the constraints on R:

   ```
   SELECT X.constraint_name, X.constraint_type, X.status, X.validated,
          X.search_condition, Y.column_name, Y.position
   FROM   user_constraints X, user_cons_columns Y
   WHERE  X.constraint_name = Y.constraint_name
   AND    X.table_name = 'R'
   ```

3. To display the content of R:

   ```
   SELECT * FROM R
   ```