Introduction to Databases, ITU, Fall 2003

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Exercises on October 28

You are unlikely to be able to do all the exercises in two hours. Therefore you are encouraged to prepare at home, and use the exercises for those parts you find difficult.

1. GUW 7.1.5 and 7.1.6 (p. 326-327). As a starting point use the schema definitions from `www.itu.dk/people/pagh/IDB03/data/`. Enter your new schema definition in Oracle, and perform tests (insertion and deletion of tuples) to see that the constraints are maintained.

2. GUW 7.2.6 (p. 333). Add the constraints to your schema from the previous exercise using `ALTER TABLE ... ADD CONSTRAINT ...`

3. Write triggers for GUW 7.4.3 a), b), f) (p. 346).

4. Explain and test the effect of using the cascade policy instead of the set-null policy in GUW 7.1.6.

To be handed in no later than November 6, 11.59 AM:

> **Note that the day for hand-in has changed from Friday to Thursday**

GUW 6.3.1. b) + c), GUW 6.4.6 c) + h). Run your six queries in Oracle using the sample data found at `www.itu.dk/people/pagh/IDB03/data/`. Include the query results with your hand-in.

As always, your hand-in must be completed individually.