

Introduction to Databases, ITU, Fall 2005

Rasmus Pagh

October 27, 2005

Exercises on October 31

1. G UW 7.1.5 and 7.1.6 (p. 326-327). As a starting point use the schema definitions from www.itu.dk/people/pagh/IDB05/data/. Enter your new schema definition in Oracle, and perform tests (insertion and deletion of tuples) to see that the constraints are maintained.
2. G UW 7.2.6 a)+b) (p. 333). Add the constraints to your schema from the previous exercise using
`ALTER TABLE ... ADD CONSTRAINT ...`
3. Explain and test the effect of using the cascade policy instead of the set-null policy in G UW 7.1.6.
4. G UW 8.7.2 on p. 421. Try out your answer in Oracle with the SELECT privilege on the `Movie` relation, replacing A, B, C and D with real user names (i.e., four students should do this together).
5. G UW 8.7.4 on p. 421. Try out your answer in Oracle together with another student (or create two Oracle accounts yourself).