CSC 370 — Database Systems
Summer 2015
Assignment No. 1
Version 1

Note 1 **This assignment is to be done individually**

- Deadline: May 15.

- This assignment is worth 1% of your total course mark.

- Clearly mark your team number in your submission.

Objectives

After completing this assignment, you will:

- Understand functional dependencies..

- Understand how to compute keys.

- Understand how to determine if a table is in BCNF.

Your task, should you choose to accept it

From the textbook, solve exercises:

1. 3.2.2 parts b) and c) only.

2. 3.2.4 parts a) and b) only.

3. 3.2.10 parts a), b) and c) only.

4. 3.3.1 parts a), b) and c) only. Instead of giving **all** FDs that violate BCNF, give only one.

In the book, in Chapter 3, any time the word *key* is used, it means a candidate key. See page 72 "Other Key Terminology".

What to submit

At the beginning of the class, submit a paper copy of your assignment.