

**CSC 370 — Database Systems**  
**Fall 2016**  
**Assignment No. 3**

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

- Deadline: Oct 12.
- 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 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. 3.2.4 parts a) and b) only.
2. 3.2.10 parts a), b) and c) only.
3. 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.