

Errata and Updates For Database System Concepts, 6th Edition Silberschatz, Korth, and Sudarshan

Last updated: October 30, 2016

We list below errors, clarifications, and recent updates. NOTE: Some of the errata described here have been corrected in the 2nd and 3rd printing of the US edition of the book; these are tagged as “(1st pr.)”. If you own an international edition, note that these editions follow a different correction schedule, so your copy may still have errata that have been fixed in the US edition. Check your copy for the errata noted here, and ignore those that have been fixed in your copy.

Errata for Part 2: Database Design, Chapters 7 to 9

CHAPTER 7

1. (1st pr.) Page 284, paras 2 and 5: Change the two occurrences of “*middle_name*” to “*middle_initial*”.
2. (1st pr.) Page 289, Line 2: “every entity *a* in the entity set *B*” → “every entity *a* in the entity set *A*”
(Reported by: Jevitha K. P.)
3. (1st pr.) Page 319, Exercise 7.22: “... customers (who ship items) and customers (who receive items);”
→
“... customers who ship items and customers who receive items;”

CHAPTER 8

1. (1st pr.) Page 331, 2nd bullet: “in every legal instance of $r(R)$ it satisfies the functional dependency.”
→
“every legal instance of $r(R)$ satisfies the functional dependency.”
(Reported by: Daniel Sadoc Menasche)
2. Page 335, Figure 8.6: The arrow should point to *instructor* instead of pointing to *department*.
(Reported by: Shan Shimin)
3. (1st pr.) Page 355, last paragraph before Section 8.6: “Thus, in case we are not able to get a dependency-preserving BCNF decomposition, it is generally preferable to opt for BCNF”
→
“In summary, even if we are not able to get a dependency-preserving BCNF decomposition, it is still preferable to opt for BCNF”
(Reported by: Daniel Sadoc Menasche)
4. (1st pr.) Page 360, first bullet, 3rd line: “ This decomposition is lossless of R ” →
“ This decomposition of R is lossless”.
(Reported by: Daniel Sadoc Menasche)

²**Errors reported by:** Deepak Aggrawal, G. Aishwarya, Jameel Al-Aziz, Scot Anderson, Yahui Chang, David Chiu, Jonghoon Chun, Matt Cremeens, Dona Dungan, Pham Nguyen Duc Duong, Helena Galhardas, Eric Gossett, Ravindra Guravannavar, Leon Ho, Pranav Jain, Jevitha K. P., Cheqing Jin, Minhua Kang, Celine Kuttler, Daniel Sadoc Menasche, Thimas Nielsen, Linda Null, Judi Paige, Donnie Pinkston, Subhasish Saha, Vemireddy Satish, Shan Shimin, Stan Thomas, Cam Hong Tran, Duc Tran, Daniel Vieira, and a few others. Their help, and in particular that of Daniel Sadoc Menasche, is deeply appreciated. Also thanks to Juha Haaga for suggestions on improvements for future editions.

5. Page 367: “bank database” → “university database”
(Reported by: *Thomas Nielsen*)

CHAPTER 9

1. (1st pr.) Page 383, last para, lines 1 and 2: “... extracts values of the parameter’s type and number ...” →
“... extracts values of the parameters persontype and name ...”.
(Reported by: *Daniel Sadoc Menasche*)
2. (1st pr.) Page 384, Figure 9.08: “String number” → “String name”.
(Reported by: *Daniel Sadoc Menasche*)