



# Errata for *First Course in Database Systems*/Third Edition and *Database Systems: The Complete Book*/Second Edition

Location	Problem	Reported By	Date Reported
Preface, p. viii, Acknowledgements, l. 3	"a earlier" should be "an earlier".	Steve Sugden	9/4/08
p. 3, l. -17	"infiltrated" should be "infiltrated".	Lu Chao-Jun	3/8/09
p. 35, l. 9	"make make" should be "may make".	Decio Luiz Gazzoni Filho	4/6/08
p. 42 l. -16	"inColor" should be "genre".	Fernando Lobo	12/27/07
p. 43, l. 2-3	"inColor" should be "genre" and <code>true</code> should be <code>sciFi</code> .	Fernando Lobo	12/27/07
p. 81, l. -3	$R$ should be $L$ .	Chris Ariagno	3/8/09
p. 93, l. -3	Delete first "can".	Lu Chao-Jun	3/8/09
p. 97, l. 17	Second $i$ should be $S_i$ .	Xiaochen Wang	1/22/13
p. 100, Sect. 3.4.4, l. 4	"BNCF" should be "BCNF".	Max Hailperin	3/8/09
p. 103, box, l. 6	"verison" should be "version".	Torben Amtoft	6/2/10
p. 103, l. -9	"sets of relations" should be "relation schemas".	Fernando Lobo	1/4/08
p. 105, Exercise 3.5.5, l. 1	"BNCF" should be "BCNF".	Max Hailperin	3/8/09
p. 107, l. -10	"to not" should be "do not".	Lu Chao-Jun	3/8/09
p. 108, l. -1	"may" should be "must".		11/28/07
p. 108, last line	$A$ 's should be $B$ 's.	Torben Amtoft	11/2/09
p. 117, Example 3.37	There is a missing condition on the general rule. It must also be the case that the left side of the FD is disjoint from $Y$ .	steve Whang	8/11/10
p. 173, Fig. 4.36	The limits 0..* and 0..1 on the association between Studios and Movies need to be swapped.	Tracy Chou and Yusheng Yang	12/13/07
p. 177, Example 4.40, l. 8	<i>MurderMysteries</i> should be <i>Cartoons</i> .	Antal Buza	6/12/08
p. 245, l. -6	The genre for "Pretty Woman" should be "romance" or whatever you think it is.	Fernando Lobo	12/28/07
p. 300, l. -8	<code>BEGIN TRANSACTION</code> should be <code>START TRANSACTION</code> .	Edward Chron	3/8/09
p. 306, Exercise 6.6.1, l. -7	<code>BEGIN TRANSACTION</code> should be <code>START TRANSACTION</code> .	Edward Chron	3/8/09
p. 323, l. -10	"a attribute" should be "an attribute".	Chris Ariagno	4/26/09
p. 328, l. 7-8	Part (b) should read "Require that every battle appearing in <code>Outcomes</code> also appears in <code>Battles</code> ."		9/25/07
p. 332, l. 1	"Exercise 7.11" should be "Example 7.11".	Torben Amtoft	11/2/09
p. 333, Example 7.13, l. 1	"Fig. 7.13" should be "Fig. 7.5".		10/24/08
p. 345, l. -12	"Two" should be "Three".	Chris Ariagno	4/12/09

p. 360, l. 13	Semicolon missing at end of query.	Chris Ariagno	4/12/09
p. 363, l. -12	Semicolon missing at end of query.	Chris Ariagno	4/12/09
p. 376, l. 4 below box	"what" should be "of what".	Valentin I. Spitkovsky	10/21/08
p. 376, l. 5 below box	quotes needed after "server".	Lu Chao-Jun	3/8/09
p. 386, Fig. 9.8, l. 18	The initialization should be <code>i=1</code> . <code>count[0]</code> is never used.	Valentin I. Spitkovsky	10/21/08
p. 390, Exercise 9.3.1(b), l. 3	<code>laptop</code> should be <code>Laptop</code> .		9/25/07
p. 395, l. 1 and 3	The <code>/t</code> 's should not be there, and the following THEN's should be in teletype (fixed-width) font like the <code>IF</code> .	Sergio Ilarri	2/6/09
p. 395, l. -11	"only in color" should be "none were comedies".	chris Ariagno	3/28/09
p. 408, l. 13	The insertion must occur before the curly brace of line (10), not completely after that line. Also, it must be preceded by checks for all three error codes.	Valentin I. Spitkovsky and Chris Ariagno	4/8/09
p. 408, l. -9	"tuples were left" should be "no tuples were left".	Valentin I. Spitkovsky	10/21/08
p. 410, Fig. 9.20	1. The initialization line <code>for(i=1; i&lt;15; i++) counts[i] = 0;</code> must be inserted after line (13). 2. The initialization in line (18) must be <code>i=1</code> .	Valentin I. Spitkovsky	10/21/08
p. 421, l. -10	<code>query</code> should be <code>prepare</code> .		9/29/07
p. 471, box, l. 4	"and/or focusing" should be "possibly focusing".	Torben Amtoft	6/2/10
p. 471, l. -7	For the join on <code>date=day</code> to make sense, we have to think of the <code>day</code> attribute of <code>Days</code> as being the exact day over all time, just like the <code>date</code> attribute of <code>Sales</code> is.	Torben Amtoft	6/2/10
p. 489, l. 18 and elsewhere in Chs. 11 and 12	In order to validate, there cannot be a space between the "?" and the "xml" in headers; i.e., the tag must begin <code>&lt;?xml...</code>		9/16/08
p. 491, l. 7, 9, and 11, below figure	Quotes needed around 1977.	Max Hailperin	4/27/09
p. 492, Fig. 11.5, l. -5	"cf", "mh" should be "cf mh".		10/29/08
p. 497, l. -5	Parentheses are missing around the expression, which should be <code>(Street, (City Zip))</code> .	Max Hailperin	4/12/09
p. 498, Fig. 11.7, l. -19	<code>&lt;Street&gt;</code> should be <code>&lt;/Street&gt;</code> .		10/29/08
p. 499, l. -7	Delete "instead".	Kurt von Laven	10/2/10
p. 500, Fig. 11.9, l. 14	<code>movieId</code> should be <code>movieID</code> .	Kurt von Laven	10/2/10
p. 501, l. -1	<code>movieId</code> should be <code>movieID</code> .	Kurt von Laven	10/2/10
p. 500, Fig. 11.9, l. 5 and p. 501, l. -4, -3	<code>starId</code> should be <code>starID</code> .		10/29/08
p. 503, l. 7	"amd" should be "and".	Valentin I. Spitkovsky	10/21/08
p. 509, last lines of Figs. 11.17 and 11.18, and p. 511, l. 10	<code>xs:simpleType</code> should be <code>/xs:simpleType</code> .	Neil Fraser	10/29/08
p. 513, l. 11	"," should be ":" after "xs".		9/15/08
p. 520, Fig. 12.2, l. 19	"cf", "mh" should be "cf mh".		10/29/08
p. 521, Example 12.2	Although the XPath expression produces the stated sequence of attribute nodes, their values cannot be printed without applying the <code>data</code> function described on p. 536 near		12/18/08

12.3	the bottom, as <code>/StarMovieData/Star/data(@starID)</code> .		
p. 521, l. -9	"cf", "mh" should be "cf mh".		12/19/08
p. 523, l. 14	@* should be <code>data(@*)</code>		12/18/08
p. 523, l. -16	Remove quotes around strings.		12/18/08
p. 524, l. -4	"condition" should be "conditions".	Valentin I. Spitkovsky	10/25/08
p. 524, Example 12.6	Contrary to what is stated, // inside the condition starts at the outermost element of the document, not relative to the element to which the condition is applied. Thus, we must replace the path expression <code>//City</code> by <code>Address/City</code> throughout this example.		12/18/08
p. 525, l. 8	@year should be <code>data(@year)</code> .		12/18/08
p. 525, l. 10	No quotes around the strings.		12/18/08
p. 530, Example 12.9	Many XQuery processors require that this statement be preceded by a dummy for- or let-statement, so the query is applied to some document, even if that document is ignored.		12/18/08
p. 535, Fig. 12.9, last line	Quotes are needed around <code>\$m/@title</code> .		10/29/08
p. 535, Fig. 12.10, last line	Quotes are needed around <code>{ \$m/@title }</code> .		10/29/08
p. 538, l. -1	There are actually no quotes around the strings.		10/29/08
p. 541, l. -4, p. 542, Fig. 12.19, l. 4, and p. 542, l. -1	order should be <code>order by</code> .		10/29/08
p. 544, Fig. 12.20, l. 1 and elsewhere in Section 12.3	The current version is 2.0		10/29/08
p. 545, Fig. 12.21	The ending HTML tags on lines (7), (8), and (9) should be capitalized to match the beginning tags.		12/18/08
p. 548, Fig. 12.24	Replace lines (10)-(12) by <code>&lt;Movie title = "{data(@title)}"&gt;</code> and replace lines (20)-(22) by <code>&lt;Star name = "{data(.)}" /&gt;</code> .		12/18/08
p. 550, Fig. 12.27	There are a number of syntax errors: 1. Closing HTML tags should be capitalized in lines 9, 11, 15, and 17. 2. Remove slashes before > in lines 6 and 12. 3. Add slashes before > in lines 8 and 14.		12/18/08
p. 551, Fig. 12.28	There are a number of syntax errors: 1. Closing HTML tags should be capitalized in lines 5, 10, and 13. 2. Remove slash before > in line 6.		12/18/08
p. 551, l. -7	"comparison is true" should be "comparison that is true".	Valentin I. Spitkovsky	10/25/08
p. 564, l. 10	256/4 = 64, not 32.	Edward Chron	1/15/09
p. 567, Exercise 13.2.4(e)	65,546 should be 65,536.	Edward Chron	1/17/09
p. 576, l. -19	"checkum" should be "checksum".	Torben Amtoft	11/2/09
p. 590, l. 8	Add "to" before "store".	Edward Chron	1/20/09
p. 628, Fig. 14.8	"1995" should be "2005".	Dennis Sidharta	12/14/12
p. 704, l. -8	"in" missing after "discussed".	Ufuk Celebi	1/14/13
p. 713, l. 8 of text	"chpater" should be "chapter".	Christan Grant	10/21/10
p. 723, l. -8	Comma before "Suppose" should be a period.	Dennis Sidharta	12/14/12
p. 725, l. 13-14	64K is $2^{16}$ , not $2^{14}$ . Thus, the limit on size stated on l. 14 should be $2^{44}$ or 16 terabytes.	Edward Chron	2/6/09
p. 725, l. -15	"reapeatedly" should be "repeatedly".	Torben Amtoft	6/2/10
p. 727, l. 11	period after "output"	Dennis	12/14/12

p. 727, l. 11	period after "output".	Sidharta	12/14/12
p. 736, l. -10	$B(S)/M$ should be $M$ .	Torben Amtoft	11/2/09
p. 761, l. -7, -6	"expressionsa" should be "expressions".	Dennis Sidharta	12/14/12
p. 763 footnote	The difference in the queries does not lie with the possibility of two stars born in 1960. Both queries would produce duplicates in that case. The difference lies with the possibility that <i>MovieStar</i> contains duplicate tuples. In that case Fig. 16.4 can produce duplicates that Fig. 16.2 does not produce.	Torben Amtoft	11/12/09
p. 775, l. 11	"if" should be "of".	Torben Amtoft	11/2/09
p. 775, l. -7 to -4	You <i>can</i> push projection below a set union.	John Dean	12/1/10
p. 786, caption of Fig. 16.20	"high" should be "low".	Luke Cang	3/27/10
p. 844, l. -15	"one or both" should be "one or more".	Torben Amtoft	6/2/10
p. 905 l. -2	Delete "each".	Dennis Sidharta	1/2/13
p. 911. l. 10	Semicolon should be a period.	Dennis Sidharta	1/2/13
p. 935, l. 5-6	It should be explained that these two problems are not the only problems that can occur. The remainder are covered in Section 18.8.3.	Magdalena Balazinska	4/27/09
p. 939, l. 3 below figure	"s" should be "is".	Edward Chron	3/8/09
p. 951 reference [8]	The correct title is "On optimistic methods for concurrency control".	Sergio Ilarri	2/6/09
p. 995, l. 9 of Section 20.2.3	"Each" should be "each".	Torben Amtoft	11/2/09
p. 995, l. -12	"some" should be "sum".	Torben Amtoft	11/2/09
p. 1028, last sentence of item 1.	You must set $S'$ to $S$ before jumping to step 4.	Torben Amtoft	11/2/09
p. 1082, l. 9	"(1) and (3)" should be "(2) and (3)".	Torben Amtoft	11/2/09
p. 1095, l. -1	"is" missing before "an integer".	Edward Chron	A3/28/09
p. 1097, l. 11	$j$ should not be present in the set of items.	Robert Ikeda	12/4/08
p. 1107, l. 3	"condition (3)" should be "condition (2)".	Torben Amtoft	11/2/09
p. 1108, l. 1	"Pass 2 of PCY" should be "Pass 1 of PCY".	Torben Amtoft	11/2/09
p. 1175, l. -1	$>$ should be $<$ .	Torben Amtoft	11/2/09
p. 1176, l. 1-2	Interchange 0 and 1 on these two lines.	Torben Amtoft	11/2/09
p. 1177, l. -11	"duplicate" should be "near-duplicate".	Torben Amtoft	6/2/10