

FOUNDATIONS OF COMPUTER SCIENCE

Errata

Chapter 2

Page	Location	Correction
20	Example 2.2	Add parentheses to $N = -7 \times 1000 + \dots$ value to read as $N = -(7 \times 100 + \dots)$ value
21	Example 2.4	Change 24 in the first line to 25.
29	Figure 2.9	Add D-3 after D-2.
32	Example 2.19	Delete the first 1 from the binary number so it reads (10011100010) ₂

Chapter 3

Page	Location	Correction
44	Note box	Add a dot at the end of the sentence.
56	Example 3.20	Change number to decimal point in the first line of solution.
57	Example 3.21	Change number to decimal point in the second line of solution.
61	Example 3.26	The 2 in the bit pattern should be subscript.
64	Figure 3.15	Add 1 at the end of the curve (on horizontal axis).
65	Figure 3.16	Add 1 at the end of the curve (on horizontal axis).
72	Question 17	Change one or more to a.

Chapter 4

Page	Location	Correction
79	Second note box	Change AND to OR.

Chapter 5

Page	Location	Correction
142	Exercise 43	Change add to Instruction (in the last line)

Chapter 6

Page	Location	Correction
154	Application layer-address	Change URI http://www.thomson.com to http://www.cengage.co.uk
159	Error control	4 th paragraph from top, last line, change Chicago to Miami.

Chapter 8

Page	Location	Correction
221	Algorithm 8.3	Should be: if (100 ≥ score ≥ 90) grade ← 'A' if (89 ≥ score ≥ 80) grade ← 'B' if (79 ≥ score ≥ 70) grade ← 'C' if (69 ≥ score ≥ 60) grade ← 'D' if (59 ≥ score ≥ 0) grade ← 'F'
238	Question 26	Change Use to We use.
238	Question 27	Change Use to We use.

Chapter 9

Page	Location	Correction
259	Assignment statements	Change languages like (C, ... to languages (like, C, ...
269	Exercise 30	Add a semi-colon (;) after the last line.

Chapter 11

Page	Location	Correction
304	Algorithm 11.3	Add pre, cur, flag inside the parentheses in the first line
304	Algorithm 11.3	Delete the line before the last line, return (...)
307	Algorithm 11.4	In line 10, Change (list ≠ null) to (list = null)
313	Question 15	Change part d to d. all of the above

Chapter 12

Page	Location	Correction
318	Operation on Stacks	In First line under this header, Change three to there

Chapter 13

Page	Location	Correction
357	Figure 13.9	Change direct to modulo (title under the shadowed box)
365	Question 15	Change e. f. g. h. to a. b. c. d.
365	Question 16	Change e. f. g. h. to a. b. c. d.

Chapter 14

Page	Location	Correction
370	Data Integrity	Change (see Chapter 6) to (see Chapter 16).

Chapter 16

Page	Location	Correction
418	Last paragraph	4 th line up from bottom ' m people ' should be ' n people '

Chapter 17

Page	Location	Correction
448	Increment Statement	Last line S3 should be S₃

Chapter 18

Page	Location	Correction
482	Figure 18.11	Last label should be Truncated pyramid d .
484	Table 18.1	Add [loves] to Verb cell.
497	Exercise 32	Change "sells" and "buys" to "buys" and "sells"

Appendix G

Page	Location	Correction
558	Solution G.2	Change 32,424.0 to 32,420.60
558	Solution G.3	c. Change 103.3 to 10^{3.3}
558	Solution G.3	d. Change 26.3 to 2^{6.3}
561	Example G.9	3 rd line Change 0.310 to 0.301