

# CS111 Practice Exam Problems for Midterm 1

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These are review problems from the book **Introduction to Programming in Java: An Interdisciplinary Approach**, 2nd Edition, Robert Sedgewick and Kevin Wayne, Princeton University.

Review Q&A on chapters:

- 1.1 (p. 9-11)
- 1.2 (p. 37-43)
- 1.3 (p. 78-80)

## Problems from section 1.2

- 1.2.3 – Learning Objectives (3.2f) (3.4a)
- 1.2.4 – Learning Objectives (3.2f) (3.4a)
- 1.2.5 – Learning Objectives (3.4b)
- 1.2.7 – Learning Objectives (3.2f) (3.3a)
- 1.2.9 – Learning Objectives (3.2f) (3.3a)
- 1.2.10 – Learning Objectives (3.2f) (3.3a)
- 1.2.11 – Learning Objectives (3.2f) (3.3a)
- 1.2.17 – Learning Objectives (3.2d)
- 1.2.14 – Learning Objectives (3.2b) (3.2f) (3.3a) (3.3b) (3.3c) (3.7a)
- 1.2.15 – Learning Objectives (3.2b) (3.2f) (3.3a) (3.3b) (3.3c) (3.7a)
- 1.2.18 – Learning Objectives (3.2b) (3.2f) (3.3a) (3.3b) (3.3c) (3.7a) (3.5a)
- 1.2.23 – Learning Objectives (3.2b) (3.2f) (3.3a) (3.3b) (3.3c) (3.7a) (3.5a) (3.4a)
- 1.2.25 – Learning Objectives (3.2b) (3.2f) (3.3a) (3.3b) (3.7a) (3.5a) (3.4a)
- 1.2.28 – Learning Objectives (3.2b) (3.2f) (3.3a) (3.3b) (3.7a) (3.4a)
- 1.2.16 – Learning Objectives (3.1b) (3.2d)
- 1.2.29 – Learning Objectives (3.2b) (3.2f) (3.3a) (3.3b) (3.3c)
- 1.2.32 – Learning Objectives (3.2b) (3.2f) (3.3a) (3.3b) (3.3c)

### **Problems from section 1.3**

- 1.3.3 – Learning Objectives (4.1e)
- 1.3.7 – Learning Objectives (4.1g)
- 1.3.13 – Learning Objectives (4.1d)
- 1.3.18 – Learning Objectives (4.1d) (4.1g)
- 1.3.44 – Learning Objectives (4.1d)
- 1.3.9 – Learning Objectives (4.1a) (4.1f)
- 1.3.16 – Learning Objectives (4.1a) (4.1f)
- 1.3.36 – Learning Objectives (4.1g) (4.1l)
- 1.3.39 – Learning Objectives (4.1g) (4.1l)
- 1.3.43 – Learning Objectives (4.1a) (4.1f) (4.1l)