

CS 1324 Spring 2021 Homework 5 Logical Operators

Jordan McFadden

TOTAL POINTS

10 / 10

QUESTION 1

Question 1 10 pts

1.1 Question 1a 2 / 2

- ✓ - **0 pts** Correct (true)
- **2 pts** Incorrect
- **1 pts** Incorrect final with correct intermediate

1.2 Question 1b 2 / 2

- ✓ - **0 pts** Correct (false)
- **2 pts** Incorrect
- **1 pts** Incorrect final with correct intermediate

1.3 Question 1c 2 / 2

- ✓ - **0 pts** Correct (false)
- **2 pts** Incorrect
- **1 pts** Incorrect final with correct intermediates

1.4 Question 1d 2 / 2

- ✓ - **0 pts** Correct (illegal in Java)
- **2 pts** Incorrect

1.5 Question 1e 2 / 2

- ✓ - **0 pts** Correct (illegal in Java)
- **2 pts** Incorrect

Homework 5: Logical Operators

CS 1323/4 Spring 2021

Name: Jordan McFadden

Student ID (usually 112-XXX-XXXX or 113-XXX-XXXX): 113502650

1. (10 points; two points each part) Given the variable assignments below, is each logical expression true or false? If the statement is not legal in Java, say so.

int little = 2;

int big = 7;

int size1 = 14;

int size2 = 7;

a) (little < big) || (size2 > big)

(2 < 7) || (7 > 7)

True, false

True

b) little > big && size1 != big

2 > 7 && 14 != 7

false && true

false

c) size1 < size2 || big < little && size2 == big

14 < 7 || 7 < 2 && 7 == 7

false || false && true

false || false

false

d) ! little == big

illegal

e) little < size1 <= big

illegal