

# CS 101 Final Exam Grading Guidelines

Questions 1 & 2: all or nothing

Question 3

- 1 for wrong modifiers (static, public, etc.) per variable to a max of -3
- 4 for no head/tail variables
- 3 for missing a variable (head, tail, etc) if resulting class does not work because of that; -7 for missing two
- 3 for incorrect declaration of variables
- 2 for setting to an invalid value
- 1 for setting to a bad (but not invalid) value

Question 4

- 3 for incorrect method declaration
- 2 for incorrect variable initialization

Questions 5 & 6

- 3 for checking if an int is null
- 2 incorrect head / tail value after completion
- 4 inserts incorrect value (for question 5 only)
- 2 for no wrap-around
- 5 if done as stack
- 1 for each syntax error

Question 7

- 2 for bad header
- 3 for not returning correct value

Question 8

- 2 for bad header
- 3 for returning incorrect value in some cases; -7 if in all cases
- 2 for checking if an int is null
- 1 for each syntax error

Question 9

- 2 for bad header
- 5 for not iterating properly
- 3 if not accounting for wrap-around (not cumulative with not iterating properly)
- 3 for checking if an int is null
- 7 doesn't return correct value
- 3 missing return type (doesn't always return a value), which will cause a compiler error