Post-Mortem

CS135 Winter 2022, Assignment 3

February 8, 2022

We normally publish the post-mortem for an assignment after it has been marked and released. Here is a list of common errors provided by the graders for assignment 3.

Parts of Q02, Q03, and Q05 were chosen to be marked for different style criteria. Thus, it is possible that other questions might have style problems that we did not address. There were also design recipe elements that we chose to give feedback on and not deduct for. You should still improve on these, since we may decide to deduct for them on a later assignment. Please review the posted solutions and style guide to help resolve any questions you may have. If that is insufficient, please raise your questions in 1-1 consulting hours.

Question 2 (threestrings.rkt):

Purposes, Examples

• Many students did not reference all parameters by name in their purposes.

• Many students did not specifically state the order used in sorting. The correct term is "lexicographical" in this context.

Question 3 (belowspline.rkt):

Names, Constants

• Many students used ambiguous names, specifically those with only one letter (e.g. a, b, m)

• Many students violated the naming conventions outlined in the style guide.

• Many students did not define constants for the start and end points of the spline. These points were chosen arbitrarily, so if they were to change, your code should be easily modified.

Question 5 (path.rkt):

Contracts, Tests, Code Complexity

• Many students did not include the two requested tests for each of (ns ...) and (ew ...). These tests should not include the examples provided in the assignment.

• Many students incorrectly capitalized the terms anyof, Any, listof, and list. This error was ungraded.

• Many students used listof for lists of fixed length, where list would be more precise. This error was ungraded.