Post-Mortem

CS135 Winter 2022, Assignment 08

Mar 29, 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 8.

Parts of Q02 and Q03 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 (chart.rkt)

Purpose and Contract

- Many students did not explicitly reference the function parameters by name in the purpose. As a reminder, this means that the parameters that appear in your function header should be referenced by exact name in the purpose. For example: "...takes in a list of tables [lof] and ..."

- Many students were missing purpose and contract for helper functions. These design recipe elements are always required, even for local/global helper functions.

- Many students included contract elements and functional specifics in their purpose. As a reminder, the purpose provides an abstract definition of what the function does and should not be overly specific or contain implementation details.

- Many students had an ambiguous purpose that did not adequately describe the function.

Question 3 (funabst.rkt)

Contract

- Many students used Any instead of X (or any other placeholder variable). Remember that Any means that the function should work for all data types, whereas X allows us to specify that the function should be valid for that type.

- Many students did not use (list Num Num) in the contract for 3b). Recall that we should be as specific as possible when writing contracts.