We normally publish the post-mortem for an assignment after it has been marked and released. Here is a list of common mistakes provided by the graders for assignment 6.

General

- Many students are still missing parameter references in their purpose statements. Purpose statements should meaningfully use each parameter name, and the parameter names should be written exactly as they appear in the function header.
- All design recipe components, except for tests, are required for helper functions. Many students are still not including these design recipe components for their helper functions.
- Many students did not complete the assignment.
- Overall, students who completed the assignment did quite well.

Question 1

- In part (a), many students were unable to write a correct purpose for `fibonacci-acc` that referenced all parameter names correctly.
- In part (a), many students forgot to include requirements for their helper functions.
- In part (d), many students did not use helper functions to simplify their code.

Question 2

- In parts (a) and (b), many students did not use `list-ref`, which was explicitly allowed for this question. While no marks were deducted (since the solutions were correct), students are encouraged to make use of helpful built-in functions to simplify their code.
- In part (d), many students forgot the requirement that the matrices must be the same size.
- In part (e), many students forgot the requiremnt that \((\text{length} \ (\text{first} \ \text{matrix1})) = (\text{length} \ \text{matrix2})\), i.e number of columns of `matrix1` = number of rows of `matrix2`.

Question 3

- In part (d), some students only considered the subtree of the top node instead of checking every node to determine balance.
- Overall, this question was done well.