Post-Mortem

CS135 Fall 2023, Assignment 02

Question 2 (median)

- Many students reduced the number of comparisons to 5 but failed to consider all possible cases.
- Use of cond right after an else is discouraged by the style guide.
- Some students used more than two (2) arguments for inequality operators, which was disallowed by the question.
- Many students used more than 5 (and in some cases, more than 8) comparisons.

Question 3 (cond)

- Some students violate the requirement that only one cond is allowed
- Some students incorrectly ordered their question-answer pairs leading to incorrect results or redundant cases

Question 4 (blood)

- Some students did not use descriptive parameter names.
- Some used too many nested layers of nested conds and ors when they did not need to
- Many students hardcoded the case where donor = recipient

Question 5 (triads)

- Many students did not write a helper function to find the distance between the pitches.
- Many students had conditional statements performing repetitive operations.
- Some students wrote multiple helper functions that did similar operations (for instance, writing a helper function specifically for each of the triads, instead of combining them).