

POST MORTEM
CS 135 Fall 2025, Assignment 06

Question 1: shoelace.rkt

Mistakes in Contract:

- Most students did generally well on this question. The only major shortcoming came about when students forgot to specify the requires clauses if the student didn't use the pre-defined data type, `Polygon`.

Question 2: grimoire.rkt

Mistakes in Contract:

- Most students did well in this question
- Many students used wrong consumed and/or produced types.
 - Some students used `(listof Spell)` instead of `Grimoire`. Note these 2 are different because `Spells` in `Grimoire` are ordered.
 - Some students used `(list Sym Nat)` instead of `Spell`. We don't deduct marks for this, but we give out data definition of a `Spell` for a reason.
- Some students mixed up `listof` and `list`. Some also mixed up `Num` and `Nat`.

Question 3: digits.rkt

Mistakes in Contract:

- Many students wrote `String` instead of `Str`
- Some students wrote `(listof Char)` instead of `Str`
- Many students wrote `listof` instead of `list`
- Many students incorrectly capitalized (`str`, `Listof`, etc.)

Question 4: almost-palindrome.rkt

Mistakes in Contract:

- Many students wrote `String` instead of `Str`
- Some students wrote `(listof Char)` instead of `Str`
- Many students wrote `Boolean` instead of `Bool`
- Many students incorrectly capitalized (`str`, `bool`, etc.)

Question 5: minor.rkt

Mistakes in Contract:

- Many students were missing one or more requires statements
 - Commonly missing ones were that `m,n >= 2` and bounding `i` and `j`
- Some students used `Matrix` in their contracts, without providing a data definition for `Matrix` or wrote it incorrectly