



Things to keep in mind:

- Easy to miss things when learning a new language!
- Test as you go & design your tests *carefully*
- Read the spec before, during, and after each problem. It's worth the extra time!
 Check for correctness *and* redundancy/style (and review the CSE 341 Style Guide before submitting!)
- Functional programming emphasizes code reuse
 Avoid re-implementing functionality where possible
 - Will become even more important later with higherorder function

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Pattern Matching

- We can pattern match over datatypes
 Beware "non-exhaustive matching"

 Pattern matching can avoid "empty list" exceptions!
- Most functions pattern match over a single argument
 - SML has special syntax for this common case!
 Use is a matter of taste
- Let's work through some examples!

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