

## Chapter 1 & 2 outline:

- ▶ Introduction, sets and elements (last week Monday)
- ▶ Set operations; visual verification of set propositions (last week Wednesday)
- ▶ Introduction to SML; cardinality and Cartesian products (last week Friday)
- ▶ Making types in SML (this week Wednesday)
- ▶ Functions in SML (**today**)
- ▶ Lists and functions on lists (next week Monday)
- ▶ Powersets; a language processor (next week Wednesday)

## Today:

- ▶ Making types, making operations
- ▶ Basic functions in SML
- ▶ Pattern-matching with functions
- ▶ Functions on datatypes
- ▶ Recursive functions

## For next time:

*Pg 48: 1.11.(4, 8, 10)*

*Pg 50-51: 1.12.(3, 5, 8)*

*See assignment notes on Canvas.*

*Starting with this assignment, HW problems that ask you to write an SML function should be submitted using the “Programming assignment turn-in page.” You do **not** need to include your SML code with your on-paper problems that you turn in.*

*Read 2.(1-3)*

*Take quiz*