

Chapter 4 roadmap:

- ▶ Subset proofs (Last week Wednesday)
- ▶ Set equality and emptiness proofs (Last week Friday)
- ▶ Conditional and biconditional proofs (Monday)
- ▶ Proofs about powersets (Wednesday)
- ▶ From theorems to algorithms (**Today**)
- ▶ (Start Chapter 5 relations next week)

Today: Two programming topics

- ▶ From theorems to algorithms
 - ▶ Greatest common divisor
 - ▶ Exponentiation
 - ▶ The quotient-remainder theorem
- ▶ Bull and cows

For next time:

Pg 177: 4.10.(3, 4, 6)

See Schoology for an important correction to Ex 4.10.6

Read carefully 5.1

Read 5.(2 & 3)

Take quiz