CSC 148: Introduction to Computer Science

Week 3

A1 Intro

Reminder: should revise the readings **before lecture**!

It really helps to have things fresh in mind

before engaging in problem-solving!

University of Toronto Mississauga,
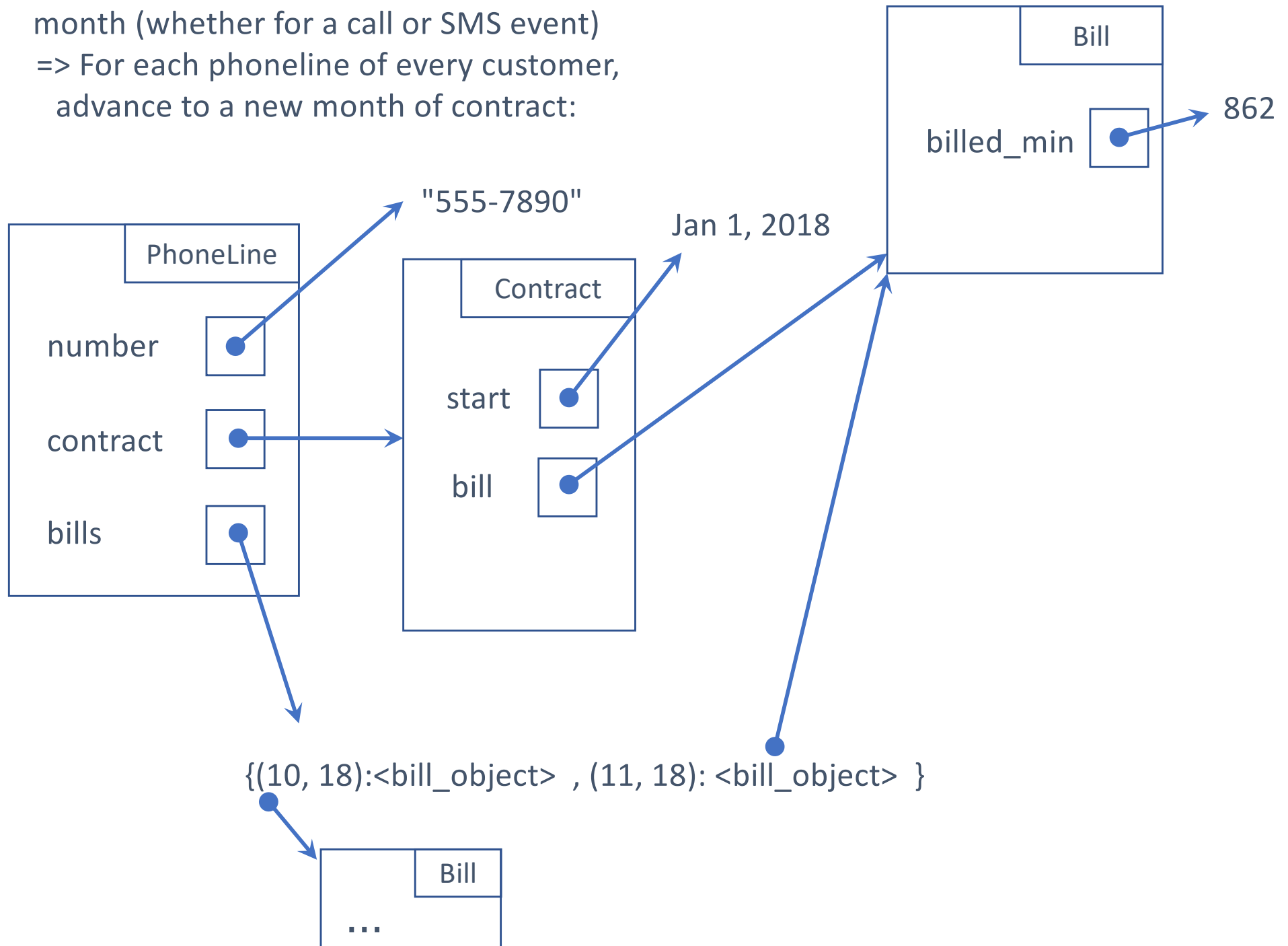
Department of Mathematical and Computational Sciences

A1 was released last Friday...

- It is due 3 weeks from today.

- Remember: start early on assignments!

- The focus is on implementing a class hierarchy, as we have done this week.

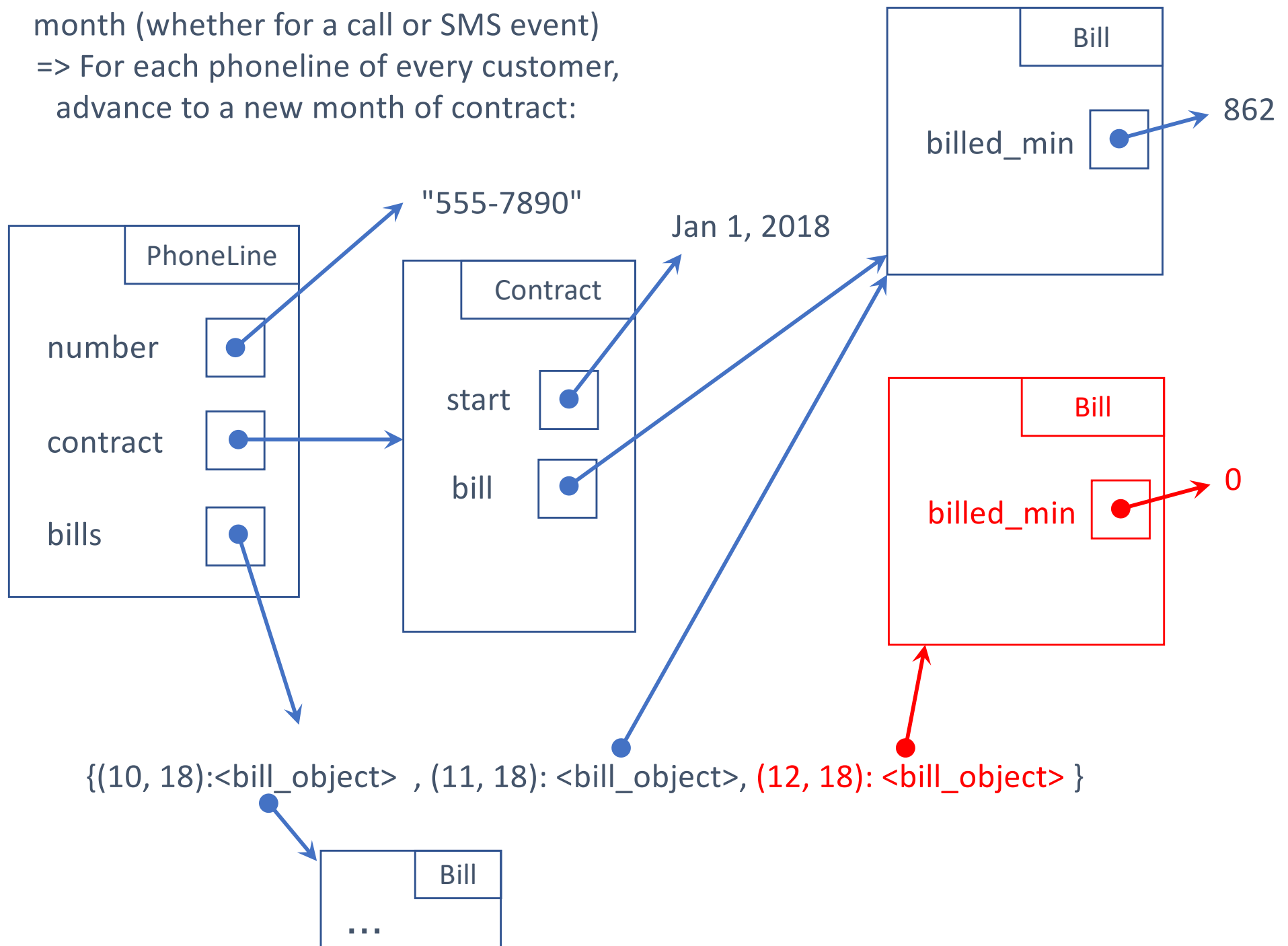- You should be ready to *start and finish* this assignment now.

A1 discussion and worksheet

Key idea: When encountering a new
month (whether for a call or SMS event)
=> For each phoneline of every customer,
advance to a new month of contract:

Bill

billed_min

862

"555-7890"

PhoneLine

number

contract

bills

Jan 1, 2018

Contract

start

bill

{(10, 18):<bill_object> , (11, 18): <bill_object> }

Bill

...

Key idea: When encountering a new
month (whether for a call or SMS event)
=> For each phoneline of every customer,
advance to a new month of contract:

PhoneLine

number → "555-7890"

contract →

bills →

Contract

start → Jan 1, 2018

bill →

Bill

billed_min → 862

Bill

billed_min → 0

{(10, 18):<bill_object> , (11, 18): <bill_object>, (12, 18): <bill_object> }

Bill

...

Key idea: When encountering a new
month (whether for a call or SMS event)
=> For each phoneline of every customer,
advance to a new month of contract:

PhoneLine

number → "555-7890"

contract →

bills →

Contract

start → Jan 1, 2018

bill →

Bill

billed_min → 862

Bill

billed_min → 0

{(10, 18):<bill_object> , (11, 18): <bill_object>, (12, 18): <bill_object> }

Bill

...