

CIS 1068

March 26, 2026

Administrative Stuff

Assignment 8. Note due date

Reading: up to ch 8. 9 soon

Midterm 2: March 31 in class

Midterm 2

March 2026

Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

you'll need

Pencils

Your TUID. It's a number (9xxxxxx)

Which section (1 - 6)? It's on your schedule

Tuesday, March 31 in class covers chapters 1 - 8 (up to and include beginning classes)

practice problems

John-Paul review session Saturday at 7

cheat sheet. handwritten only. what to include

up to 2 bonus points for cheat sheet if it meets all:

your name

your correct TUID

your correct section number

it's handwritten

Last Time

started a Bug class

more on arrays of Point

deep comparison of Point and equals()

Today

`equals()` implementation

deep copy and `clone()`

method overloading

composition

review?

Bug class

Write a Bug class that models a bug moving along a horizontal line, either to the right or to the left. Initially, the bug moves right, but it can turn to face either direction. Every time it moves, it moves one unit in the direction it's facing.

every bug has

a name ✓

a position ✓

a direction ✓

methods

constructor accepts name as parameter ✓

other methods:

turn()

move()

getPosition()

toString() ✓

equals()

clone()