Talk to them about Midterm and Project!
Apologize for last week

Discussion 4

Use Ross/Sadist Example!

Talk about "Golden Rule" + Right-Left Rule
^With box and pointer

When static types are checked! **Also called compile types**
Come from type labels on variables.
2 Types:
Assignment Check
Method/Feild check
^Looks in class, then up!
Static types meaningless after compilation!

This caution creates some annoyances tough….
Dynamic Type; go over (" box label" on box pointer diagram) **Also called Rutime type**
Comes from constructor…
Controls called methods

Casting example

Sadist s = new Ross();
Ross r = s <— static type s
Java, Baby. Just trust me.

Can calm Java down with a promise… IF you know the box s points to IS a Ross…

If we break it, bad shiiitttttt
You bastard, you lied to me!
Ross r = (Ross) new Sadist();
(UH OH)

Questions?