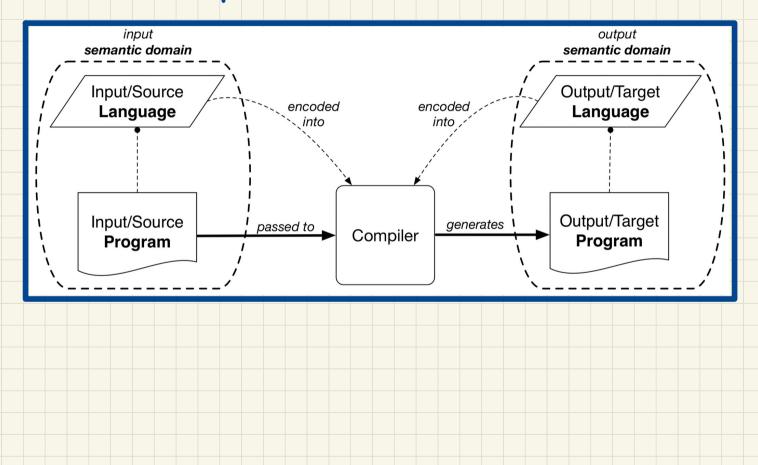
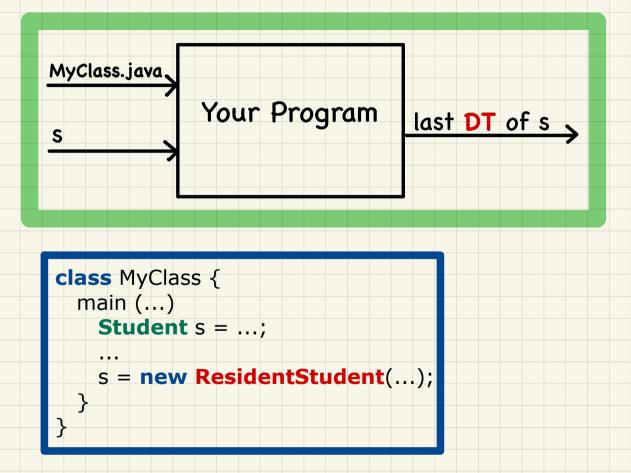
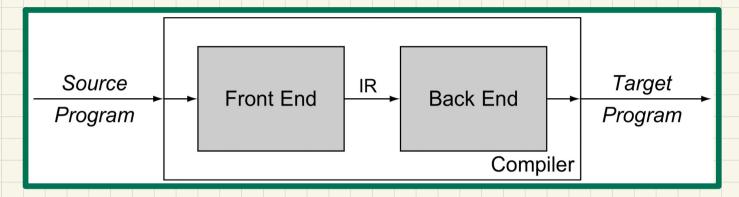
What is a Compiler?



An A+ Challenge: Inferring the DT of a Variable



Compiler: Typical Infrastructure (1)



Concrete Syntax vs. Abstract Syntax

Q. How many IRs are necessary to build a number of compiler to transform between Java, C, C#, C++, and Python?

Hint: # of Permutations