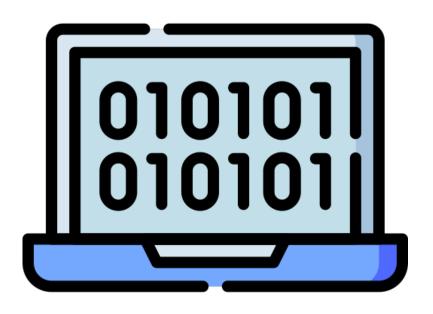
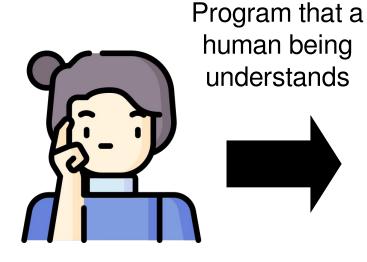
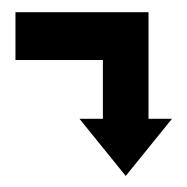
A computer only understands its own machine language.





Program written in Language X



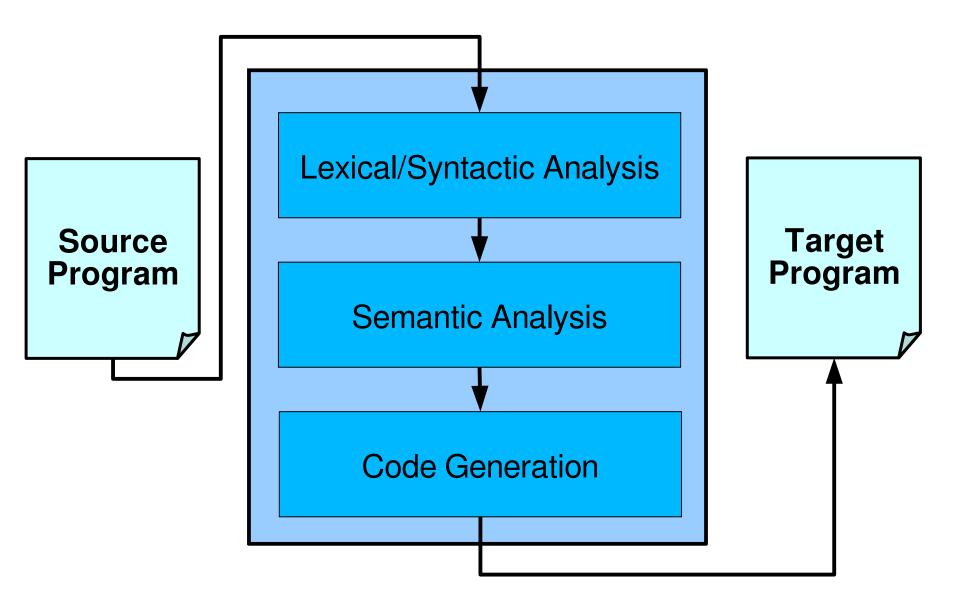




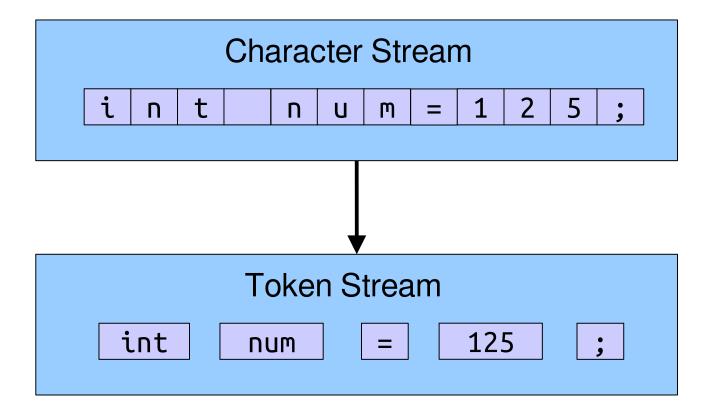
Program that a computer understands

Translator for Language X

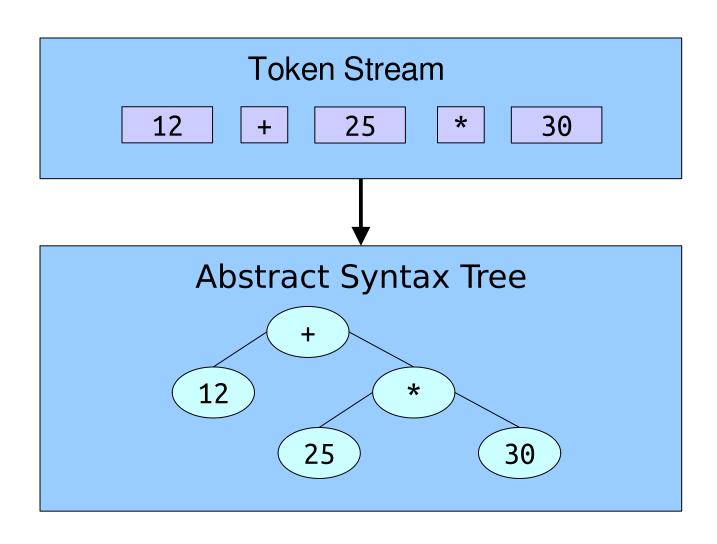
Translation Phases



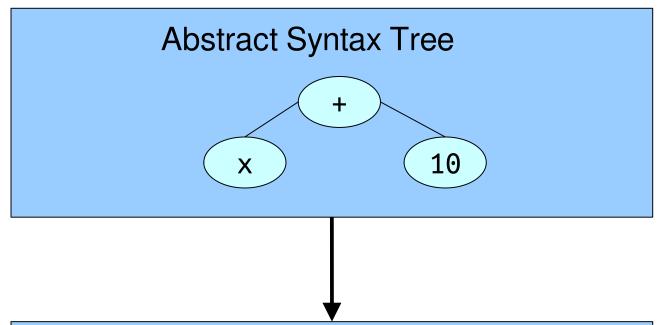
Lexical Analysis



Syntax Analysis



Semantic Analysis



Check that:

- Variable "x" has been declared.
- The type of the operands and the + operator should be numeric.

Code Generation

