

INTERNATIONAL UNIVERSITY VNUHCM
PRINCIPLES OF PROGRAMMING LANGUAGES

LAB 5. PYTHON COLLECTIONS

PURPOSE: After this lab, you are able to use Python collections.

EXERCISES:

L5E1. Practise Python collections, including *lists*, *tuples*, *sets* and *dictionaries*, by using the following tutorials and examples:

Lists: https://www.w3schools.com/python/python_lists.asp
Tuples: https://www.w3schools.com/python/python_tuples.asp
Sets: https://www.w3schools.com/python/python_sets.asp
Dictionaries: https://www.w3schools.com/python/python_dictionaries.asp

L5E2. Create Symbol Tables¹ for Exercises L2E1 and L2E2.

¹ A part of a compilation process mentioned Figure 1.6 and Figure 1.7 in (Aho et. al., 2007)

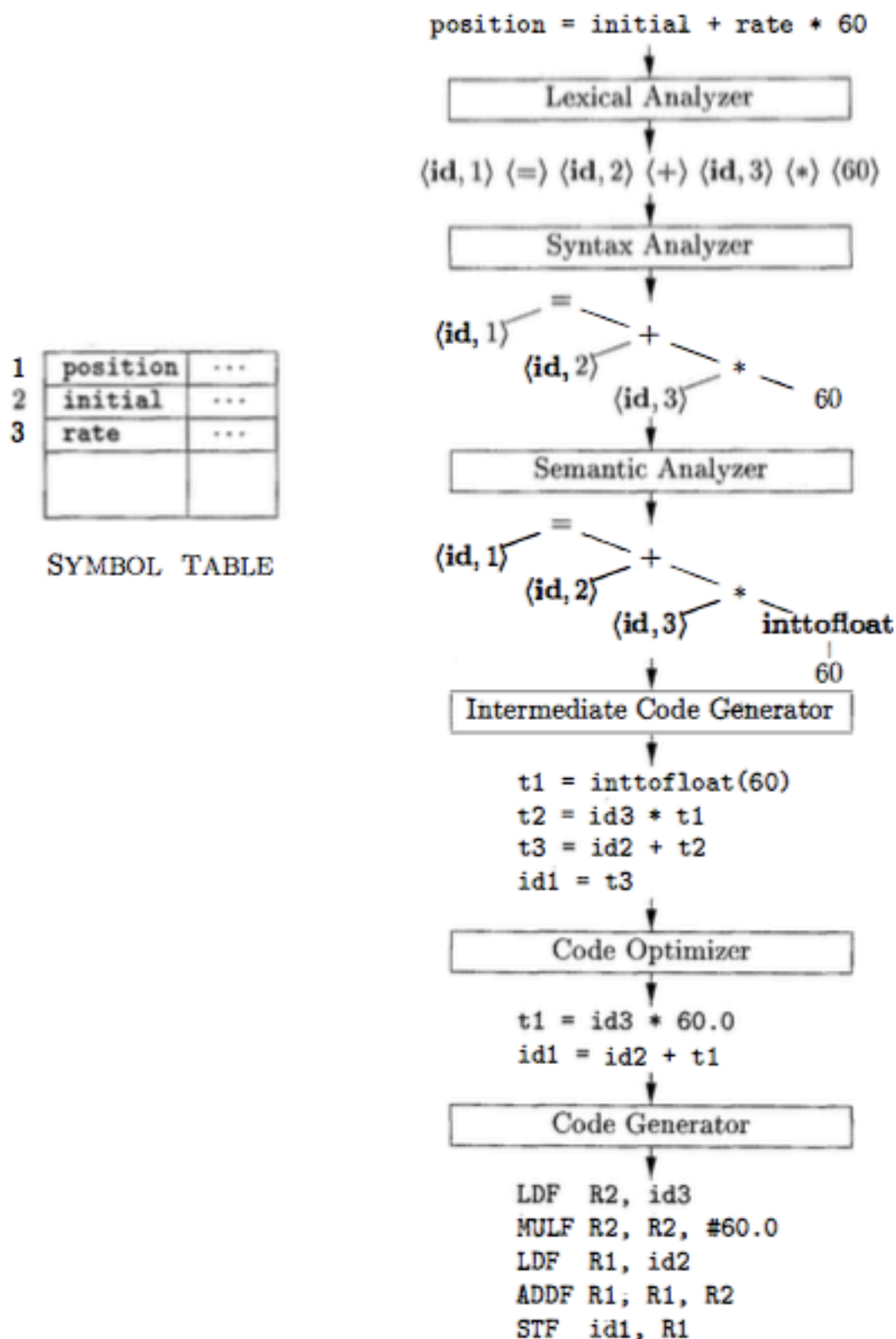


Figure 1.7: Translation of an assignment statement

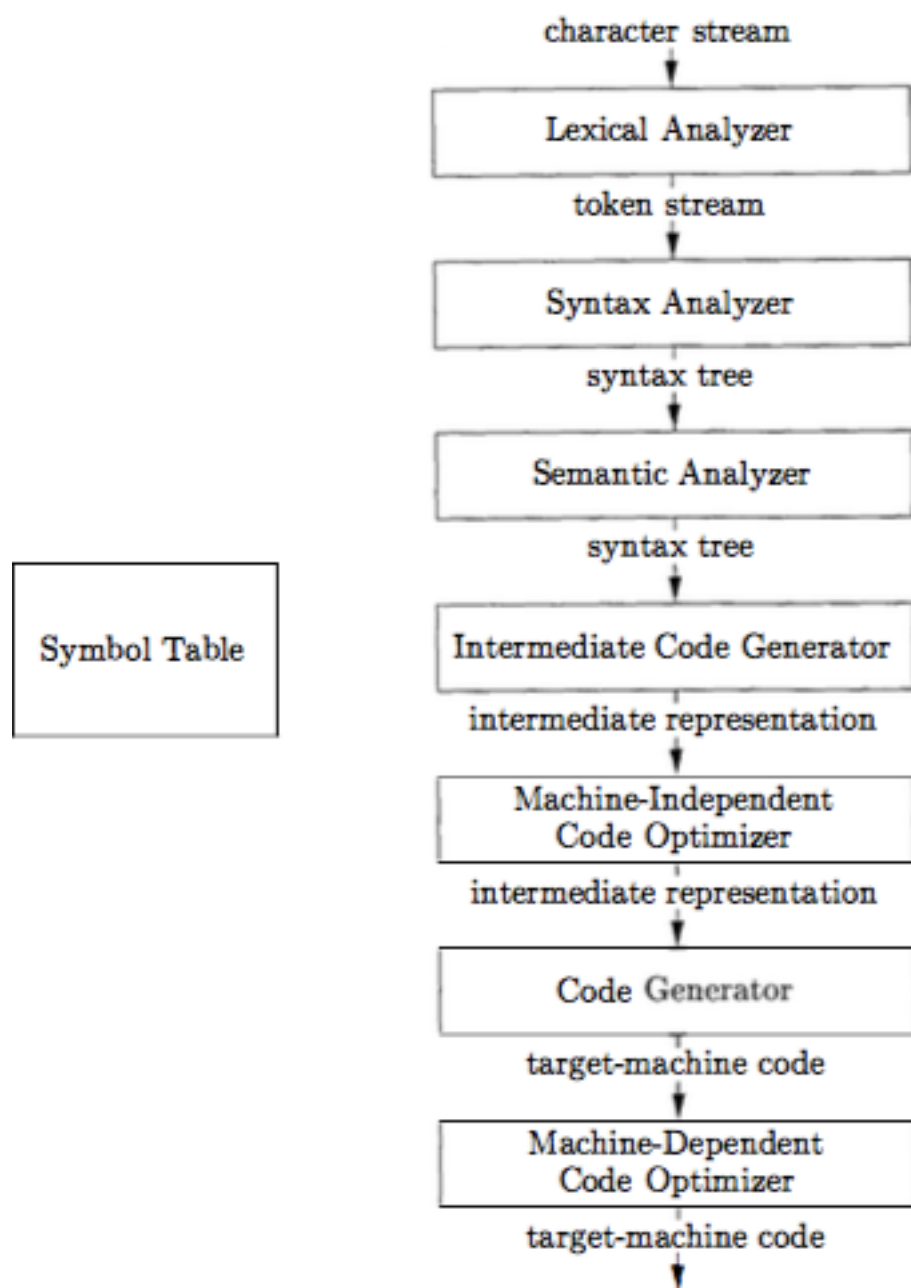


Figure 1.6: Phases of a compiler