

Learning Guide Unit 7

Overview**UNIT 7: Assembler Language: Concepts and Techniques****Topics:**

- Developing high level [data structures](#) in [assembler language](#)
- Program translation

Learning Objectives:

By the end of this Unit, you will be able to:

- Develop high-level [data structures](#) using [assembly language](#) to solve complex programming problems.
- Identify differing coding practices and design principles in [Python](#) and Java.
- Explain program translation among different [programming languages](#) to illustrate semantic differences.

Tasks:

- Read the Learning Guide and the Reading Assignment
- Complete the [Discussion Forum](#) Assignment by posting in the Discussion Forum
- Respond to two of your fellow classmates' posts in the Discussion Forum
- Complete and submit the Assignment Activity
- Take and submit the Self-Quiz

