# z Architecture Assembler Language Part 1

**\*\*\* Experimental \*\*\***

**\*\*\* Created to decide whether to use OneNote or Word for badge descriptions \*\*\***

Course Description:

This course provides an introduction to z/Architecture and the Assembler language.

Badge Description:

By the end of this course, a learner will be able to:

* Understand binary and hexadecimal number representations and convert them to/from decimal.
* Recognize architectural features, such as instruction formats, data representation, and storage addressing.
* Understand the Assembler language syntax, and code Assembler statements that reserve and initialize areas in storage.
* Code Assembler statements that make up a (very) simple program.

The badge earner has successfully completed the course and achieved a score of 80% or more on the quiz.

Link: <https://learn.ibm.com/course/view.php?id=12127>

Duration:

3 Days

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