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| User’s Guide to Integration |
| Lab 3 Group BEERZ |
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# Introduction

# Installing the System

To use the WI11 Machine System, you need to have the Simulator, Assembler, and Linking-Loader installed. For installation instructions for each of the components, please refer to the installation guides in each respective User’s Guide.

To install them together, unzip the program files in the desired directory. After making sure that the directory path points to the folder where the files where unzipped, use the following instruction to compile the files;

> javac \*.java

Overall, the WI11 Machine System can run on any platform that supports the Java Runtime Environment.

# Writing a Program

Most programmers will want to write a program following the specifications in the Assembler, as that is the first component of the program, and is the easiest to write for. The specifications for an assembly program are explained in the Assembler User’s Guide. However, a programmer can also write a program following the specifications for the Linking-Loader or the Simulator. However, these are not as easy to code in; for specifications on how to write an input file for those components, see the respective User’s Guides.

# Running a Program

Assembler

Linking-Loader

Simulator