

# Lab 1

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*Reference the lecture slides for help with this lab.*

Using the command line

1. Create a folder on your desktop called `hello_world`.
2. Navigate to the `hello_world` folder.

Setting up your Java Development Environment

1. Download and install the [Visual Studio Code Coding Pack](#) for your operating system.
2. Open Visual Studio Code and create a new file called `HelloWorld.java`.

Hello World!

1. Write a program that prints `Hello World!` to the console.
2. Save the program as `HelloWorld.java` in the `hello_world` folder.
3. Compile and run the program.

Binary Numbers

Convert the following decimal numbers to binary:

**Show your work!**

- a) 10
- b) 131
- c) 255
- d) 1504

Submitting your work

Show your work to your TA to receive credit for this lab.