

## Challenge: Hello World

*Description:* Create a first Java 8 SE application using the NetBeans IDE that prints “Hello World!” to standard output.

*Purpose:* The first step in learning to develop applications for a platform and a programming language is to setup and learn to use the development tools and the process for creating, compiling, and running a simple application. It is also necessary for this course to ensure that the process of naming, zipping, and submitting a project is understood.

*Requirements:*

Create a Java 8 SE application using the NetBeans IDE that prints “Hello World!” to standard output using `System.out.println()`.

The name of the application, which is also the name of the Java Main Class, is to be comprised of your pawprint followed by HelloWorld with the first letter of the pawprint capitalized and the other letters of the pawprint in lower case. Example Main Class name for a pawprint of abcxyz9: Abcxyz9HelloWorld

A NetBeans project folder is created of the same name as the Main Class. A ZIP file of the project folder is to be submitted for this challenge. The zip file is to be named the same as the Main Class with a .zip extension. Using the pawprint example above yields a zip file with the name of Abcxyz9HelloWorld.zip.

**Important:**

Class names in Java are always to begin with an upper case letter and the remainder of the name is to be camel-cased.

The naming convention using your pawprint followed by a more typical Main Class name is to be followed throughout this course.

A ZIP file of a NetBeans project folder is always the way you submit Java projects for this course.