Specification

Write (i.e. implement/define/code) a *public class MakeHelloWorld* that when compiled and executed prints the code for a *public class HelloWorld* to the standard output stream. The generated *public class HelloWorld*, when compiled and executed, prints to the standard output stream: **"hello, world" from YOUR_FULL_NAME** followed by a newline.

Example using the command-line for CSC205AA student Dusty Rhodes.

```
command-prompt:  edit MakeHelloWorld.java
command-prompt:  javac MakeHelloWorld.java
command-prompt:  java MakeHelloWorld >HelloWorld.java
command-prompt:  javac HelloWorld.java
command-prompt:  java HelloWorld
"hello, world" from Dusty Rhodes
```

The generated *public class HelloWorld* file must contain a file comment block that contains the following.

```
This Java application prints the phrase "hello, world"
followed by programmer name followed by a newline to
the standard output stream.

@creator YOUR_FULL_NAME_GOES_HERE
@generated YYYYY.MM.DD_FORMATTED_DATE_GOES_HERE
```

Important Notes

1. The YYYYY.MM.DD formatted date in the generated *public class HelloWorld* can be initialized using java.util.Calendar. The year and single digit months & days must be prefixed with a zero. {Cal.java demonstrates the use of Java's *class Calendar*}

2. The generated *public class HelloWorld* cannot use *System.out.println()* when printing to the standard output stream.

3. The phrase "hello, world" must be in double quotes and the letters must be lowercase.

Example Output

Edith Foogooman is a CSC205AA student. Edith's program was executed on 27 January 2019 and her program's output looked like the following.

```
/*
 * This Java application prints the phrase "hello, world"
 * followed by programmer name followed by a newline to
 * the standard output stream.
 *
 * @creator Edith Foogooman
 * @generated 02019.01.27
 */

public class HelloWorld
{
    public static void main(String[] argv)
    {
        System.out.println("Edith says hello...");
    }
}
```

Edith's file comment block was correct, but her generated *public class HelloWorld* did not print the correct output when it was compiled and executed. In addition, Edith called *System.out.println()* to print to the standard output stream.

```
Edith's output:  Edith says hello...
    should be:  "hello, world" from Edith Foogooman
```