1. Write a program [TenHelloWorlds.java](http://introcs.cs.princeton.edu/java/11hello/TenHelloWorlds.java.html) that prints "Hello, World" ten times.

**public** **class** HelloWorld {

**public** **static** **void** main(String[] args) {

**for**(**int** x = 0; x < 10; x++){

System.***out***.println("Hello, World");

}

}

}

1. Describe what happens if, in HelloWorld.java, you omit
   1. public

Throws a runtime error

* 1. static

Throws a runtime error; the method is not static, should be defined as static

* 1. void

Throws a compilation error, return type required

* 1. args

Throws a compilation error, <identifier> expected

1. Describe what happens if, in HelloWorld.java, you misspell (by, say, omitting the second letter)
   1. public

**Error: Main method not found in class com.tiempo.activities.HelloWorld, please define the main method as: public static void main(String[] args)**

* 1. static

**Error: Main method not found in class com.tiempo.activities.HelloWorld, please define the main method as: public static void main(String[] args)**

* 1. void

**java.lang.NoClassDefFoundError: vid**

* 1. args

Run Correctly

1. Describe what happens if you try to execute [Hi.java](http://introcs.cs.princeton.edu/java/11hello/Hi.java.html) with:
   1. java Hi

**Hi, Exception in thread "main" java.lang.ArrayIndexOutOfBoundsException: 0**

* 1. java Hi @!&^%

**Hi, @!&^%. How are you?**

* 1. java Hi 1234

**Hi, 1234. How are you?**

* 1. java Hi.class Bob

**Runtime error: Could not find or load main class Hi.class**

* 1. java Hi.java Bob

**Runtime error: Could not find or load main class Hi.java**

* 1. java Hi Alice Bob

**Hi, Alice. How are you?**

1. Modify [UseArgument.java](http://introcs.cs.princeton.edu/java/11hello/UseArgument.java.html) to make a program [UseThree.java](http://introcs.cs.princeton.edu/java/11hello/UseThree.java.html) that takes three names and prints out a proper sentence with the names in the reverse of the order given, so that for example, "java UseThree Alice Bob Carol" gives "Hi Carol, Bob, and Alice.".
2. public class UseThree {
3. public static void **main**(String[] args) {
4. System.out.**print**("Hi, ");
5. System.out.**print**(args[2]);
6. System.out.**print**(", ");
7. System.out.**print**(args[1]);
8. System.out.**print**(", and ");
9. System.out.**print**(args[0]);
10. System.out.**println**(".");
11. }
12. }
13. Write a program [Initials.java](http://introcs.cs.princeton.edu/java/11hello/Initials.java.html) that prints your initials using nine rows of asterisks like the one below.

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1. Describe what happens if, in HelloWorld.java, you omit
   1. main

**Compilation Error: Main method not found in class com.tiempo.activities.HelloWorld**

* 1. String

Compilation Error: Main method not found in class com.tiempo.activities.HelloWorld

* 1. HelloWorld

**Compilation Error: Could not find or load main class com.tiempo.activities.HelloWorld**

* 1. System.out

**Compilation Error: java.lang.Error: The method println(String) is undefined for the type HelloWorld**

* 1. println

**Compilation Error: java.lang.Error: The method out(String) is undefined for the type System**

1. Describe what happens if, in HelloWorld.java, you omit
   1. the ;

**Compilation Error: java.lang.Error: Syntax error, insert ";" to complete BlockStatements**

* 1. the first "

**Compilation Error: java.lang.Error: String literal is not properly closed by a double-quote**

* 1. the second "

**Compilation Error: java.lang.Error: String literal is not properly closed by a double-quote**

* 1. the first {

**Compilation Error: java.lang.Error: Syntax error on token ")", { expected after this token**

* 1. the second {

**Compilation Error: java.lang.Error: Syntax error, insert "}" to complete ClassBody**

* 1. the first }

**Compilation Error: java.lang.Error: at com.tiempo.activities.HelloWorld.main(HelloWorld.java:4)**

* 1. the second }

**Compilation Error: java.lang.Error: Syntax error, insert "}" to complete ClassBody**

1. Describe what happens if, in HelloWorld.java, you misspell (by, say, omitting the second letter)
   1. Main

**Error: Main method not found in class com.tiempo.activities.HelloWorld, please define the main method as: public static void main(String[] args)**

* 1. String

**java.lang.NoClassDefFoundError: [Sting;**

* 1. HelloWorld

**Error: Could not find or load main class com.tiempo.activities.HelloWorld**

* 1. System.out

**Error: Main method not found in class com.tiempo.activities.HelloWorld, please define the main method as: public static void main(String[] args)**

* 1. println

**Error: Main method not found in class com.tiempo.activities.HelloWorld, please define the main method as: public static void main(String[] args)**

1. I typed in the following program. It compiles fine, but when I execute it, I get the error java.lang.NoSuchMethodError: main. What am I doing wrong?

**Missing String args[]**