1. Reading Assignment: A Short History of Java

- **Task**: Read about the history and development of Java.
- **Link**: http://sunsite.uakom.sk/sunworldonline/swol-07-1995/swol-07-java.html

2. Reading Assignment: Java Language Features

- **Task**: Learn about the main features of Java.
- **Link**: https://javaalmanac.io/features/

3. Reading Assignment: Which Version of JDK Should I Use?

- **Task**: Find out which JDK version is right for you.
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- **Link**: https://whichjdk.com/

4. Reading Assignment: JDK Installation Directory Structure

- **Task**: Understand the folder structure and files in the JDK installation.
- **Link**: https://docs.oracle.com/javase/8/docs/technotes/tools/windows/jdkfiles.html

5. Reading Assignment: About Java Technology

- **Task**: Read about the basics of Java technology and its components.
- **Link**: https://docs.oracle.com/javase/tutorial/getStarted/intro/definition.html

6. Coding Assignments

- **Hello World Program**: Write a Java program that prints "Hello World!!" to the console.

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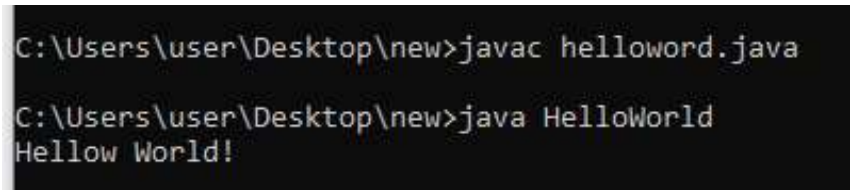
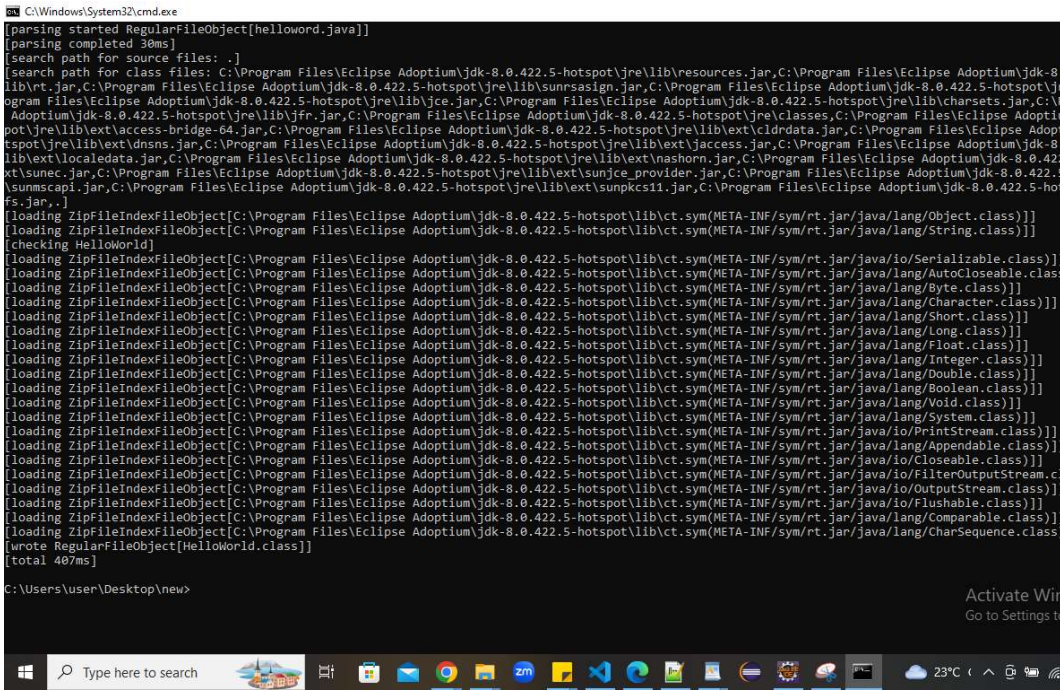
- 

- Every line of code that runs in Java must be inside a class.
- class name should always start with an uppercase first letter.
- In our example, we named the class Main.
- Java is case-sensitive: "MyClass" and "myclass" has different meaning.
- The name of the java file must match the class name.
- System is a built-in Java class that contains useful members, such as out, which is short for "output".
- The println() method, short for "print line", is used to print a value to the screen (or a file).
- Don't worry too much about how System, out and println() works. Just know that you need them together to print stuff to the screen.
- You should also note that each code statement must end with a semicolon (;).
- **Compile with Verbose Option**: Compile your Java file using the `-verbose` option with `javac`. Check the output.

- 

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- **Inspect Bytecode**: Use the `javap` tool to examine the bytecode of the compiled `.class` file. Observe the output.

```
C:\Users\user\Desktop\new>javap -c Test
Compiled from "first.java"
class Test {
  Test();
    Code:
       0: aload_0
       1: invokespecial #1                  // Method java/lang/Object."<init>":()V
       4: return

  public static void main(java.lang.String[]);
    Code:
       0: getstatic     #7                  // Field java/lang/System.out:Ljava/io/PrintStream;
       3: ldc           #13                 // String Hello World.
       5: invokevirtual #15                 // Method java/io/PrintStream.println:(Ljava/lang/String
       8: return
}

C:\Users\user\Desktop\new>
```

7. Reading Assignment: The JVM Architecture Explained

- **Task**: Learn about how the Java Virtual Machine (JVM) works.
- **Link**: https://dzone.com/articles/jvm-architecture-explained

8. Reading Assignment: The Java Language Environment: Contents

- **Task**: Explore the content and features of the Java language environment.
- **Link**: https://www.oracle.com/java/technologies/language-environment.html