**6. Coding Assignments**

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

class Hello

{

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

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

}

}

1. **Compile with Verbose Option**: Compile your Java file using the -verbose option with javac. Check the output.

**javac -verbose Hello.java**

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

**javap -c Hello**