Programming Level 1 Test

This test should be administered under the supervision of a senior programmer (level 3)
Applicants should be able to provide an explanation as to how any code that they have written works

Applicant's name _____ Date _____

____ Navigate to the Java API documentation
____ Navigate to the WPI API documentation
____ Navigate to StackOverFlow
____ Describe a situation in which you would need to include multiple conditions within a single if statement
____ Describe when you would want to use a for-loop instead of a while-loop
____ Write a Java Program that will print "hello world" to the standard output
____ Write a java program that will generate a random number 1-100 and print a different statement if it is less than/equal to/ greater than 50 (Hint: Read the Javadoc for the Math class)
____ Write a Java program that will average 2 integers that are input by the user at runtime (Hint: Read Javadoc for Scanner class)
____ comment the file TestJava.java, explaining what each section of code .
____ Connect the robot to the computer/Driver Station and Enable/Disable it
____ Create a new java file in VSCode

Tester's Name _____ (print)

I have not assisted the applicant in the taking of this test and have been as fair as I can.

Tester Signiture_____