Programming Level 2 Test

This test should be administered under the supervision of a senior programmer (level 4)

Applicants should be able to provide an explanation as to how any code that they have written works

Applicant's name	Date
Create a new repository on Gith	nuh
All work done for this test shou	
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	mented such that anyone who has a basic
understanding of Java can easily read	d and understand the code
Revert a commit to your repo	
Implement the following metho	d which prints an array of Strings to the
standard output	
Public static void arrayPrinter	(String[] str)
Write a method which prompts	the user to input 4 doubles and returns
them in a double array	
Write a method stringParser wl	nich takes a String consisting of comma
separated values and returns them a	s an array of Strings
Describe the difference betwee	en an Object and a Class
Describe the difference betwee	en using the '==' operator and using the
equals(Object other) method to test	equality
Implement the constructor for	the TestJava class which stores a String,
double, and Object as instance data,	then create an object of the TestJava class
Create a method scanFile, whic	th reads each line of a file and stores it in
an ArrayList	
Describe what a generic type is	
Recreate arrayPrinter using an	ArrayList instead of an array, call this
method arrayListPrinter	
Make a new robot project in vs	code(Command pallete & WPI extension)

Write code that will control a motor that's plugged into port 3Write code so that when a button is pressed, a motor will be halved in
speed
Describe the difference between an iterative bot and command based bot Make code that will bind a pneumatics controller to a button Create a command that will move the bot forward for 5 seconds Create a command that will spin a motor until a limit switch is switched Add a command to a scheduler Create a new subsystem
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