

Introduction to Arduino Lesson #2

Go to <http://www.ladyada.net/learn/arduino/index.html>. From the main page of this website, click on "Lesson 2" and read the entire lesson while doing what it asks of you when it comes to programming your Arduino, or making changes to the programs that are provided. You are to work through the entire lesson.

You will be graded upon the completeness of answers to the following questions. Your responses should be word-processed.

QUESTIONS:

1. In the Arduino world, what are programs loaded onto the Arduino called?
2. If you want to leave several lines of comments in your code (lines the Arduino will ignore), what symbols do you have to use?
3. If you wish to leave just a single line of comment, what symbol should you use?
4. All lines of computer code (all lines in your program that you write that causes the Arduino to do something) must end with what character?
5. In the BLINK code that you look at, what is the variable that is used, and what does it do?
6. In this code, what value is assigned to this variable?
7. What is a procedure?
8. What symbols indicate the beginning and the ending of a procedure?
9. The input value you put in the DELAY procedure is some number of what units?
10. How many times will the stuff placed under the SETUP procedure be run in any Arduino program?
11. How many times will the stuff placed under the LOOP procedure be run in any Arduino program?
12. After doing Exercise 3, what is the explanation provided by the lesson to explain what you observe when you gently wave the Arduino back and forth?