Module B.6

Level 2:

2)

**Void setup()**

* The void keyword is used only in function declarations. It indicates that the function is expected to return no information to the function from which it was called.

**pinMode()**

* Configures the specified pin to behave either as an input or an output. See the description of ([digital pins](http://arduino.cc/en/Tutorial/DigitalPins)) for details on the functionality of the pins.

**digitalWrite()**

* If the pin has been configured as an OUTPUT with pinMode(), its voltage will be set to the corresponding value: 5V (or 3.3V on 3.3V boards) for HIGH, 0V (ground) for LOW.

**delay()**

* Pauses the program for the amount of time (in milliseconds) specified as parameter. (There are 1000 milliseconds in a second.)

4)

The difference between constants and variables is that variables can change their value at anytime, while constants always stay the same.

5)

A - A syntax error is a typo or incorrectly placed character in a string of code that causes a failure in the program.

B - A logic error is a bug in a program that causes it to operate incorrectly.

C – A Run-time error is an error that occurs while a program is running