Module B.1: Arduino Web IDE

**Level 2 :-**

1. Done
2. **pin Mode(LED\_BUILTIN, OUTPUT)** :- initialize digital pin LED\_BUILTIN as an output.

**void loop()** :- the loop function runs over and over again forever

**digital Write(LED\_BUILTIN, HIGH)** :- turn the LED on (HIGH is the voltage level)

**digital Write(LED\_BUILTIN, LOW)** :- turn the LED off by making the voltage LOW

**delay(1000)** :- wait for a second

2. The difference between variables and constants is that variables can change their value at any time but constants can never change their value
3. **Syntax Error** – A string incorrectly placed in a command or instruction that causes a failure in execution.

**Logic Error** - A bug in a program that causes it to operate incorrectly.

**Run-Time Error** - An error that occurs during the execution of a program. Runtime errors indicate bugs in the program or problems that the designers had anticipated but could do nothing about.