**AIM:**

* To blink the LED using Arduino board.

**MATERIALS REQUIRED:**

* Arduino Uno R3, LED.

**PROCEDURE :**

* Connect the anode of the LED to the 13th pin of the Arduino board and connect the cathode to ground.

**EXPLANATION OF THE CODE :**

* **pinMode(13,OUTPUT);**

LED is an output source which is connected to the 13th terminal of an Arduino board.

* **digitalWrite(13,HIGH);**

Since it is an write operation,we are using digitalWrite().

As the LED should be blinked,it is in HIGH state.

* **delay(1000);**

To provide a difference of turning ON and OFF,delay of 1000ms is provided which is of one second.

* **digitalWrite(13,LOW);**

This function is used to turn OFF the LED.So it is in LOW state.

**RESULT:**

This is a simple program to turn ON and OFF the LED using Arduino board.